

SUNTASTIC

READ CAREFULLY BEFORE USE

L H U P A



scanlog II AZ



PDF JUKEBOX SYSTEMS

2008 REISSUE - ASSORTED SCREENSAVER INCLUDED

ASMLS

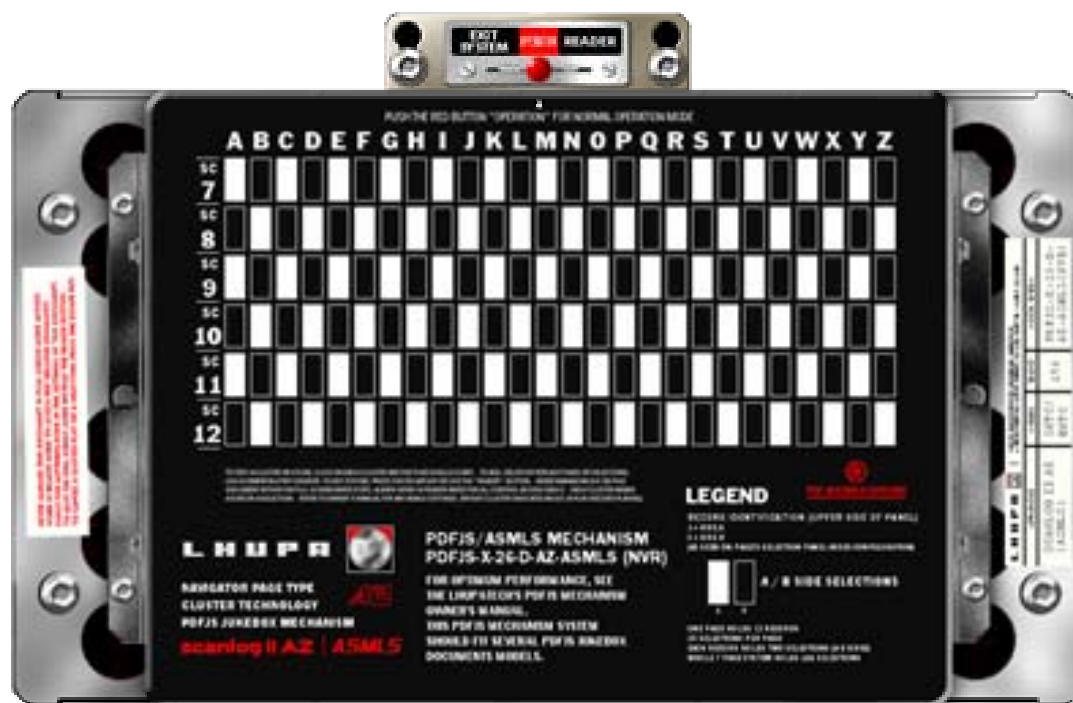


LHUPA SCANLOG II AZ SUNTASTIC PDFJS / ASMLS - Owner's Manual

THE FRONT AND REAR COVER PANEL WITH THE NAVIGATOR SYSTEM



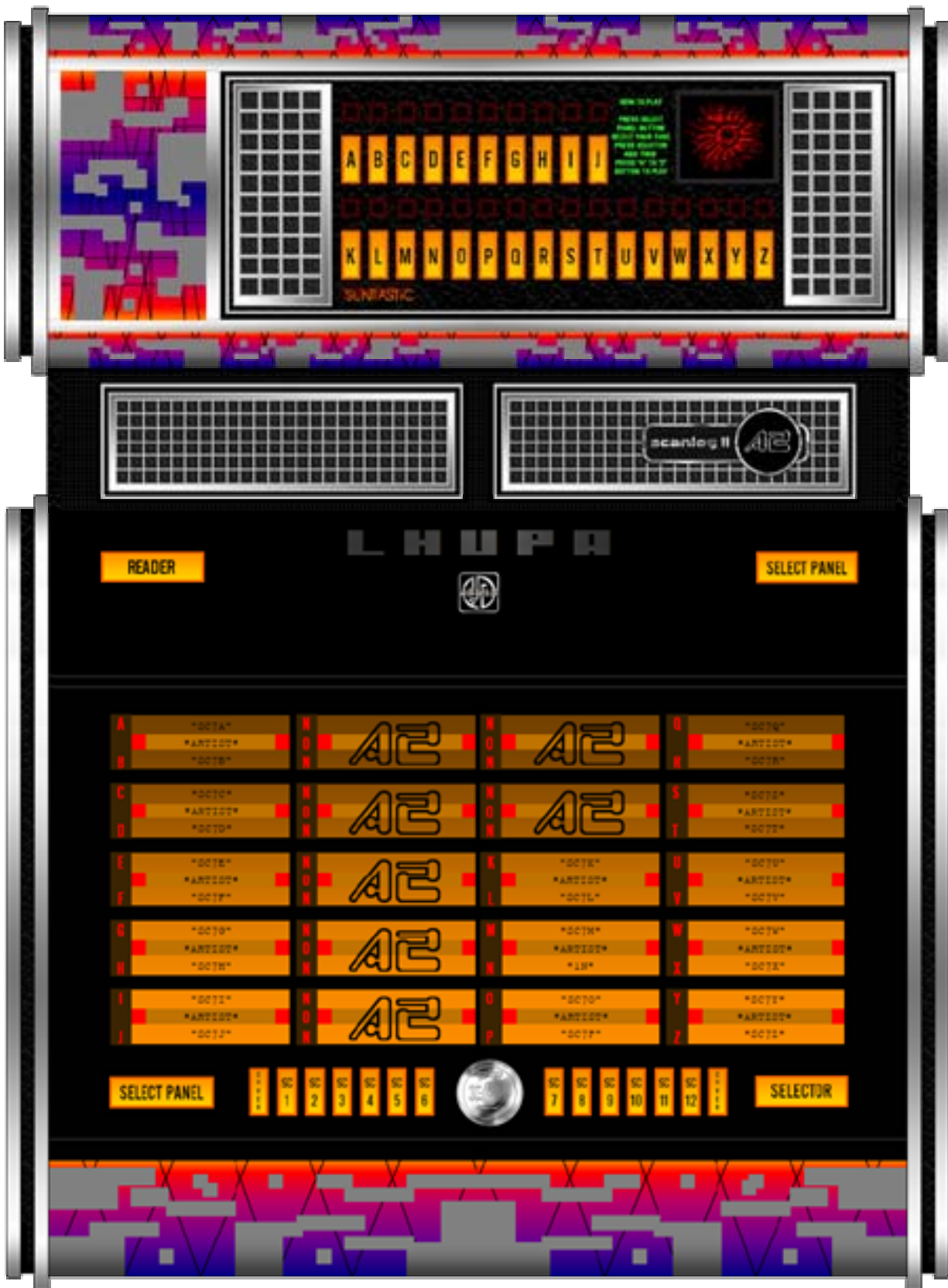
THE 17 BUTTONS PAGE NAVIGATOR SYSTEM INCLUDING SYSTEM ACCESS



THE PDFJS-X-26-D-AZ-ASMLS (NVR) CLUSTER TECHNOLOGY MECHANISM PLUS SYSTEM ACCESS CONTROL PANEL

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THE SCANLOG II AZ SUNTASTIC



THE OVERVIEW OF THE WHOLE PDFJS / ASMLS JUKEBOX SYSTEM

THANK YOU!

Thank you very much for your interest on the LHUPATECH's PDF jukebox systems (PDFJS) within the new ASMLS system technology! Since 2003, LHUPATECH has built a wide range of PDF interactive documents themed to the jukebox invention especially from early 60's to late 80's and 90's. The editor strives to build the most realistic, functional and interactive as possible and it will go on! We hope that you have a lot of pleasure to install, experiment your PDFJS / ASMLS document and enjoy it!

PRESENTATION OF SCANLOG II AZ

Scanlog II AZ is the first navigator page type PDFJS jukebox and 2nd project from the Scanlog family made by LHUPATECH in April 2005 after *Juke Katalog* era: his catalog type PDF jukebox issued in August 2004.

It's almost the best one built with an inspiration to the "X7*" model from Wurlitzer* a beautiful futurist "Sci-Fi" model from 1978. Scanlog II AZ is based on the alphabetic system from "A to Z" (meaning the "AZ" suffix in the model's name) to build the selector and selecting panel otherwise the music classification.

It also means that the virtual jukebox was constituted of this "A to Z mechanism" of 6 pages of 26 selections ("A to Z") each that also build the selector system totalizing 156 selections for the whole device (SC1 to SC6). Here, the "SC" prefix in the page numbers means the 2 first letters of the word "SCANlog". Also, the other 6 pages build the selecting panel on what the title strips were written permitting the user to select music (SC7 to SC12). That's explain the directly on-page music fields instead a central page for music like today's cluster technology PDFJS mechanism... the solution to this wasn't found at the inception of the Scanlog II AZ in 2005.

To facilitate the use of this "new tech" interactive PDF document, LHUPATECH has involved in 2005 a page navigator system unique to this, the first in it's case of building PDF jukeboxes constituted of 14 buttons corresponding to the 14 pages of the document.

This new feature has also incredibly increased the interactivity degree of the document with these assorted "real-like translucent plastic buttons" with a back lighting effect characteristic to 70's and late 80's Wurlitzer jukeboxes. This navigator system featured on the two covers front and rear and all of the the last 6 pages (SC7-SC12) of the selecting panel. The 26 selector buttons on the first 6 pages (SC1-SC6) of the selector were identical and assorted to the navigator to build a "pimped" document.

Two themes were envisaged to give an idea of wich is the best to create the final document: the sun themed design as the original X7 model from Wurlitzer and another one linked to the space (moon) or night life theme. Finally, the two thematics were taken and it was resulted as two models respectively called *Suntastic* for the sun themed one and *Moontastic* for the night themed one. The *Moontastic* has a very stunning effect with his purple and blue variations from sundown to eve. It's also create a "Sci-Fi" space concept. In both cases the *glitters* and crossed lines were added to the design to be closely as possible to the original X7 model from the german manufacturer.

THE CLUSTER TECHNOLOGY

In 2007, LHUPATECH has discovered the solution to centralize music fields in the PDFJS documents on a unique page generally the last one before the rear cover. With this discovery, new horizons were possible for new and upcoming models from the author. Now, more attractive, interactive and realistic PDF documents can be created and developed closely to "real" jukeboxes with the new interactive selector working identical to a real jukebox as *alphanumeric* (A 1) or *numeric* (1-0-2) as an example.

A specific design was created for this page and a kind of engineering was implemented: the *cluster technology* that consists to a plateform within several rectangular music fields build as a chessboard with alternatively coloured black and white fields (or vice-versa) on wich the user can reach directly all the music content of the document, without using the selector pages.

With the *cluster technology*, the user can play music, seek for bad or defective clusters solely by clicking on each of them to play or detect a defective cluster. Once the cluster plays, once it turns to a specific color generally red or orange red within a dotted peripheral demarcation. Otherwise, a defective cluster should not play, no sound should be heard from it and no reddish color should appear. Despite LHUPATECH's multiple verifications for lacks, bugs and other defects before making this document available, some defects can still but it's very rare! The major case of defective clusters or cluster loss is the modification by the user with no care to deletion of clusters.

THE ASMLS SYSTEM

The drawback of the PDF document for making interactive devices as jukeboxes is the highly secure nature of the document itself. Generally, the user cannot modify, edit or change music or video in these documents if this user has no specific software or knowledge to modify it. In the past, the editor was in obligation to distribute to users a very complex prospectus in what users should fill it with all the informations of all material to be embedded their interactive documents within the physical material such as records, CD's, cassettes ect and then send it to LHUPATECH for service. This technique was very painful and too long to serve users with efficiency. The author has built regular PDFJS documents with this technique until summer 2008 where the ASMLS system was discovered.

FINDING A SOLUTION

To manage music on PDFJS documents, the user must use a PDF creator software that can be expensive and necessary permissions attached to the present document to modify it. As the use of PDF creator goes on at LHUPATECH, an interesting feature was found in the PDF editing software: *Extend Features In Adobe* Reader** that permits the user to fill up forms and save the document. Really, the PDFJS it's an huge interactive form that can be filled up (the title strips) and saved. Here, we have the half of the solution!

The other half of the solution, is the building of the selector who contains music added or edited by the user himself without having to use a PDF creator nor hiring a technician or sending the document to the editor to manage the content... That's a challenge! But, on the PDF creator software, it's possible to embed or not the music in the document and the editor has tried to modify his embedding technique and embed the content in a peripheral folder of the document and this was a success!

Finally, the author has understood that building the selector folder in periphery of the document itself instead inbedding it should be a solution! Several experiments were done in this way and one has given the complete solution: creating the selector with a sub-folder filled of silent tracks (about 1 sec. each) so called "zombies" corresponding to each tune of the jukebox by naming all of them with the current system coding i-e "A 1", "1-0-1" ect. The ASMLS system was born!

The ASMLS (for *Automatic Selector Music Loading System*) is based on the file rewriting technique by rewriting all the files contained in the selector folder. Once the user has ripped all of the needed music for his document, the user should rename each tune ripped by a code instead the real title. And then, put all of the material in the selector folder rewriting all of that folder automatically.

The system principle is very simple... By rewriting the title strips, save the document on the PDF reader with the *extended reader features* and rip the music from any source as vinyl records, cassettes, CD's or DVD's prior to name each ripped track by a dedicated code corresponding to the jukebox coding instead the normal title of each tune and the job is done! In the case of the Scanlog II AZ coding system, it is based on the page number SC7 to SC12 within the letters A to Z corresponding to each of the 26 tunes of each selector page. ex.: SC7A, SC7B, SC7C ect.

LHUPATECH decided finally to reissue several of its projects such the Scanlog II AZ model to update it within this new ASMLS technology and rejuvenate a little bit the design to be more functional and interesting!

UNPACKING YOUR BOX

Whatever you have downloaded it from us via Internet or having a boxed* version, it will work in the same way! All the ASMLS versions of the PDFJS documents from LHUPATECH are compiled as an installer also called "setup" utility. Proceed as it follows:

IF YOU HAVE A BOXED VERSION

- 1- Locate your Scanlog II AZ CD-ROM
- 2- Insert it in the drive
- 3- The CD-ROM will open itself automatically with displaying a full screen splash within the installing dialog box.
- 4- Follow the on-screen directives

IF YOU HAVE DOWNLOADED IT FROM THE INTERNET

- 1- Locate the Scanlog II AZ setup utility in your setup library or your desktop
- 2- Once retrieved, click on the setup utility
- 3- The setup utility will open with displaying a full screen splash within the installing dialog box.
- 4- Follow the on-screen directives

It should be asked to install two screen savers bundled to this package, and the owner's manual. This is take part of your project and add beatifully screensavers assorted to your jukebox theme plus the owner's manual that can be read if you experiment some problems simply by clicking the icon on your desktop.

In both cases, the setup utility will install the jukebox system in the Program Files folder by default as:

C:\Program Files\LHUPA SCIIAZ SUNTASTIC (ASMLS Option)

You can if you want install the two models Suntastic and Moontastic on your computer

simultanily and it will work fine with no problem of any kind! The two documents should be installed in their respective folders in the Program Files folder.

EXPLORE YOUR PDFJS / ASMLS JUKEBOX

The center of operations

Go to C:\Program Files\LHUPA SCIIAZ SUNTASTIC (ASMLS Option) to explore it and open the folder

This folder constitutes the "center of operations" of your system In this folder, you should see:

- the principal part of the PDF jukebox: the document LHUPA SCIIAZ SUNTASTIC (READER Modifiable - ASMLS Option).

- Two screen savers setup utilities*: SCIIAZSUNTCG and SCIIAZSUNTCS for Suntastic if you have installed the Suntastic model.

- 1 icon SCIIAZICON that is used for the setup building and display on your desktop

- The folder ASMLS SELECTOR that constitutes the selector mechanism of your jukebox containing 156 .mp3 files of about

one second so called "zombies" each totally silent with no sound respectively named with the code of each tune of the jukebox as the ASMLS system needs to run correctly. In this case, the ASMLS system coding for the Scanlog II AZ jukebox is constituted of the

page number as SC7 ("SC" originally for Scanlog in 2005 and this numbering was kept for the authenticity of the project)

for example (the first page of the selector system) and terminated with one of the 26 alphabetic letters

as A to Z. Ex.: SC7A, SC7B, SC8A, SC8B and so on!

As explained above in the presentation, the ASMLS system principle is very simple and it's based on the file rewriting by the copy or cut and paste feature principle. Once you have built your 156 tune selector respectively renamed with the ASMLS coding in a temporary

folder, you copy or cut the entire content and paste it in the ASMLS selector folder and the 156 actual "zombie" tunes in the ASMLS selector folder should be rewritten. This practice can be done anytime you want whatever the nature of the music! At this time, you can select music and listen it and the solely last thing to do is building your selecting panel (SC6-SC12) by rewriting the title strips with the titling of your newly added music and save the document. ONCE THE SELECTING PANEL BUILT, DON'T FORGET TO SAVE THE DOCUMENT OTHERWISE YOUR WORK SHOULD BE LOST WHEN CLOSING THE DOCUMENT. We suggest that you save the document once each page of the selecting panel filled with the new titling.

*This is means that two versions of the same screensaver are available as within glitters: SCIIAZSUNTCG (G: Glitters) and streight without glitters: SCIIAZSUNTCS (S: Streight)

TRY NOW THE SCANLOG II AZ PDF / ASMLS JUKEBOX

On your desktop, You should see 6 stylized "AZ" icons on your desktop

- One black (The SCIIAZ PDF jukebox itself)
- Two transparent (The 2 screensaver installers)
- One red (The SCIIAZ SP Building Engine)
- One yellow (The SCIIAZ Owner's Manual)
- One white (The Adobe* Reader* installer)
- The black one opens the jukebox itself
- The yellow one opens the owner's manual
- The two transparent ones open the two screen savers installers: glittered and streight
- The red one is the Scanlog II AZ SP Building Engine that facilitate you for building your selecting panel.
- The white one opens the Adobe* Reader software installer.

Evenly, you can uninstall all "INSTALLER" utilities if you don't want the 3 softwares at all and use only the PDF jukebox or choose some of them!

1- Test the screensavers by clicking on the streight one (SCIIAZSUNTCS) and should deploy in seconds showing that could be the facing of the jukebox with a suite of 4 changes in the image. And then, click on the glittered one

(SCIIAZSUNTCG) and it also deploys in seconds with the same viewing but this time, with a glittery effect that looks like an explosion and a depth effect that is surrealistic! The first screensaver (glittered) installed by default is activated in the Windows display settings. This is can cause a flicker if you try to start the second one (streight).

2- Open the owner's manual by clicking on the respective icon (SCIIAZSOWMAN) and the owner's manual should open in PDF format. Take some minutes for explore it and take some informations if you need it!

3- Open the Scanlog II AZ jukebox and explore it! Whatever if it Suntastic or Moontastic, it is the same way of use. Don't hesitate to try any buttons and check every page effect, and check how its work by clicking on the "PDFJS / ASMLS" square logo on the upper corner at the right of the front cover (Page-1) or the rear cover (Page-183) to explore the PDFJS / ASMLS mechanism and click all of the clusters on it to see how its work! As you can see, the empty jukebox has only the ASMLS setting one second tunes (or "zombies") to be overwritten by your music and it play and light (red) only one second and shut down and the reddish color disappears and returns to black or white. All of these clusters on this platform control and play the entire ASMLS Selector folder music by each triggered cluster that corresponds to a dedicated music file in this folder. Once you click a letter (A to Z) on one of the 6 selector control panel pages (SC1-SC6), this should trigger the corresponding cluster and play your tune. If you go to the mechanism page while playing, you should see the corresponding cluster bright within a peripheral dotted demarcation and shut down once played. But the dotted demarcation stills in periphery of that cluster in order to show the played music and play it again if you want. Simply click the same cluster and your favorite tune plays again!

NOTE: You must install the PDF reader software and the two screen savers apart whatever the master package installed with the 6 shortcuts on your desktop. These 3 particular shortcuts are called "INSTALLER" with the software name and then the 3 softwares installed, these shortcuts must be deleted to avoid any confusion with the other "AZ" icons of the system.

BUILDING THE ASMLS SELECTOR BEFORE THE INITIAL USE!...

Actually, your jukebox has no music on it and you must fill it out of your favorite music by rewriting all of 156 tunes (so called "zombies") in the ASMLS Selector folder that constitutes the "mechanism" of your PDFJS / ASMLS jukebox prior to use it for the first time! - Proceed as it follows:

1- Locate all of your music you want on your jukebox as Vinyl records, cassettes, CD's, DVD's and evenly your .mp3 collection on your computer to have sufficient material for 156 music files in .mp3 format.

2- Rip all the music to .mp3

Use the appropriate ripper for each type of medium. Audacity a free open source software will work fine to record directly from vinyl records, cassettes, 8 track tapes ect. For numeric supports as CD's and DVD's, we suggest you to use db Power Amp Music Converter it seems to be the best for ripping music from it. You can also use Audiograbber now available freely! - You must only use the .mp3 format because other ones as .ogg will not work! - If you want, you can correct all defects in the music while ripping vinyl records or tapes with the same Audacity software. - Once you have decided what kind of music to have on specific pages, regroup music in pairs of 2 tunes of the same artist in order to build "45 RPM records" as seen on real jukeboxes. - Don't forget! Before starting ripping music to .mp3, you must rename each

track, tune or song by using the ASMLS coding corresponding to the page and emplacement on the selecting panel to include this in your ASMLS selector folder otherwise, your music will not be recognized by the ASMLS system.

Ex.: The first record on the first page (SC7) is one of the band Nirvana titled A: Smell Like Teen Spirit B: Come As You Are. This is the normal titling of this music. But the ASMLS system will not recognize your music with this titling. You must rename the track A: "Smell Like Teen Spirit" by the ASMLS coding as SC7A You must rename the track B: "Come As You Are" by the ASMLS coding as SC7B

Otherwise, If you have choosen to put a record of Janis Joplin at the Y-Z title strip of the page SC7, you must rename it A: "Cry Baby" by the ASMLS coding as SC7Y and B: "Try (A Little Bit Harder)" by the ASMLS coding as SC7Z If it is the pages SC9, SC10 ans so on, you proceed exactly of the same manner as it shown above. You can decide what tune of a particular artist should be "A" and "B" sides to get the best selection ever!

3- Take off all your ripped material within the ASMLS coding into your temporary folder whatever the name you have named it.

So, you can set the CD ripper to get off your ripped material in a temporary folder that you have just created for this purpose and then, verify for its integrality.

4- Check out your temporary folder for its integrity in order to detect any defective or miscoded erroneously audio files. If it's all correct, pass to the next step!

5- Go to the ASMLS selector folder in C:\Program Files\LHUPA SCIIAZ SUNTASTIC (ASMLS Option)\ASMLS SELECTOR and open it.

6- Begin to cut or copy and paste your material in the ASMLS selector folder. - We rigourously recommend that you proceed "page-per-page" instead the integral content and fill out the respective title strips of each page within the new titling of the newly added content in the ASMLS selector folder. This is contribute for an error free and successful work! But, If you have noted a plan of all your project on the "Scanlog II AZ SP Building Engine" title strip building utility, you can do it in this way... No problemo!

ONCE YOUR ASMLS SELECTOR BUILT

Once finished, you should verify if all your material is present and trouble free! - All your material should be complete, as you have disposed it in the ASMLS folder within the ASMLS coding. At a glance, pass the entire folder to detect any missing files, miscoded files erroneously named with the official titling ect. and if it all correct, you can go to the next step.

BUILDING THE SELECTING PANEL

With the ASMLS system, the permission setting of the PDF document is modified by the author with a specific feature in the PDF creator software to allow you to set the selecting panel of your jukebox on the PDF reader. Otherwise, the PDF document should not be modifiable by the user if it is the PDF reader is used instead the genuine PDF creator software. Solely, the genuine PDF creator software can modify or edit the document.

This is the last step of the ASMLS system setting before you use your PDFJS / ASMLS document. - Then, you can proceed in two ways:

- Building it directly in the selecting panel "page-per-page"
- Using the "Scanlog II AZ SP Building Engine" PDF tool utility bundled within the software

BUILDING IT DIRECTLY IN THE SELECTING PANEL "PAGE-PER-PAGE"

If you choose this technique, some errors can occur while building. If you encounter it, we recommend you to note the erroneous naming or coding and correct it or seek for errors in the ASMLS selector folder if the problem persists despite a correct selecting panel. - For building it in this way, proceed as it follows:

1- Locate the SCIIAZ Suntastic icon on your desktop and click on it. And then, the ASMLS / PDFJS document should deploy in full screen mode. We recommend that you push the ESCAPE key or the READER button on the selector page (SC2) to exit the full screen mode and enter the reader mode in order to set the document. NOTE: If it's the first time you open your document, a dialog box about the full screen opening will appear

2- Then, press (click) the selecting panel first page button (SC7) and check how the selecting panel is built! You should remark that all the title strips are pre-filled within the respective ASMLS coding and the "ARTIST" mention on the center part of each title strip. - You can begin by the title strip of the letter "A to Z" of your choice!

3- For the beginning, we suggest you write out the A-B title strip on the page SC7. After choosen the tune to be in the side-A and the side-B,

a- Write in capitals letters on the "A" title trip between quotes ("") the title of the side-A.

b- Write the artist name between asterisks (**) in the center part of the title strip towards the colored red rectangle field mark.

c- Do the same technique as the side-"A" title strip for the title of the side-B on the "B" title strip.

Then, proceed in the same way for all other title strips (C to Z) of the SC7 page and after, do the same thing for all the other pages SC8 to SC12 of the selecting panel. - Once the selecting panel done, you can begin to use your document.

USING THE "SCANLOG II AZ SP BUILDING ENGINE" PDF TOOL UTILITY

If you use the "Scanlog II AZ SP Building Engine" PDF tool utility bundled within the software, proceed as it follows:

1- Locate the red AZ icon (SCIIAZ SP Building Engine) on your desktop and click on it. This is a PDF reader modifiable, fillable PDF document like the PDFJS / ASMLS itself on wich you can write virtually the entire selecting panel of your jukebox and then transfer the written content (your final SP built) on the selecting panel of the PDFJS jukebox document by using "Select All" and the copy-and-paste feature. This document is built closely as possible to the configuration of the selecting panel of your interactive document.

2- As you should proceed for the first above shown method, proceed as it follows:

a- Write in capitals letters on the "A" title trip between quotes ("") the title of the side-A.

b- Write the artist name between asterisks (**) in the center part of the title strip towards the colored red rectangle field mark.

c- Do the same technique as the side-"A" title

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strip for the title of the side-B on the "B" title strip.

In the both cases, THE DOCUMENT MUST BE SAVED FOR THE CHANGES TAKE EFFECT OTHERWISE YOUR NEWLY SETTINGS WILL BE LOST.

Now, your preliminary settings are done and you can begin to use your Scanlog II AZ jukebox but some details still! You will know these little things remaining in the next step!

THE OVERALL OF THE SCANLOG II AZ PDFJS / ASMLS JUKEBOX

Features:

- Opens in full screen mode
- Fully controllable screen mode full screen or reader mode
- Can play in full screen mode or in reader mode
- Music still playing while shifting to reader mode or full screen mode without any cutout
- The user can work on his computer while the document playing
- Can be used in cabinet, a booth or a kiosk
- Totally manageable by the user without sending it to the editor for servicing
- Available in two themes: Moontastic
- (Night themed) and Suntastic (Sun themed)
- Built-in page navigator
- Assorted automatic screen saver
- Uses the cluster technology mechanism
- Bundled SP Building Engine to facilitate the building of the selecting panel

WHEN IT OPENS FOR THE FIRST TIME... THERE ARE LITTLE THINGS REMAINING!

Once you have installed the software and open it for the first time, it opens in full screen mode by default and several dialog boxes can be delivered by the PDF reader software itself. This interrupts the document reading as soon as these warnings appear. The 4 principal warns you should see are:

1- "Full Screen" - That the document forces the PDF reader software to open in full screen mode. The PDF reader software see it as an intrusion in its system or a possibility for wrong intentioned persons to see sensitive PDF documents.

2- "Cannot Save Form Information" - This warn should appear only if it's a regular PDF or PDFJS document. This is warns you that you cannot modify the PDF document except printing after filled it.

3- "Manage Trust For Multimedia Content" - The built-in content trust manager asks you to play or not the content by trusting it or not to the software's trusted material catalog.

4- "Cannot Play Media" - The most serious one in the case of PDF Multimedia and PDFJS / ASMLS documents: This is warns you that the tune you have selected is defective or not present. This is also means that a bad or deleted cluster in the mechanism can be present or a miscoded either non-.mp3 tune stills in the ASMLS selector folder.

TO SHUT DOWN THESE DIALOG BOXES

- To shut down the "Full Screen" warning that asks "Would you like to allow this document to enter the full screen mode automatically?" when it appears at the launch of that document:

1- Check box "Remember my coice for this document"

2- Click "Yes"

Then, this dialog box is now shut down and will never appear again for this document in the future.

- To shut down the "Cannot Save Form Information" That warns if you have a regular PDF or PDFJS document. In this case, you that you cannot modify the PDF document except printing after filled it. To shut down this:

1- Ensure that you have a genuine PDFJS /

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ASMLS document that has a specific permission setting while building it in the PDF creator software that is a prerequisite for this feature, not a regular PDF or PDFJS document.

2- Check box "Don't show again"

Then, this dialog box is now shut down and will never appear again for this document in the future.

- To shut down the "Manage Trust For Multimedia Content" That the built-in content trust manager asks you to play or not the content by trusting it or not to the software's trusted material catalog, shut this down by:

1- Check box "Play the multimedia content and add this document to my list of trusted documents"

2- Click "Play"

Then, this dialog box is now shut down and will never appear again for this document in the future.

To shut down the "Cannot Play Media" warning: This is advises that's a problem with the music or video content itself. This is the most serious one in the case of PDF Multimedia and PDFJS / ASMLS documents! This is warns you that the tune you have selected is defective or not present. This is also means that a bad or deleted cluster in the mechanism can be present or a miscoded either non-.mp3 tune stills in the ASMLS selector folder. The solutions to this warning are:

- The scan or the verification of the entire ASMLS selector folder to detect any ASMLS miscoded files or tunes erroneously titled with other names than the ASMLS coding either audio file types not recognized as .ogg by the PDFJS system. The PDFJS system only recognizes the .mp3 format. Also, tunes can have been forgotten or ommited while building the ASMLS selector that's explain why these files are not present. It's also possible that the missing files were erroneously put in the wrong folder than the ASMLS selector folder.

- Verify the entire cluster mechanism to detect

defective or deleted clusters and broken links. This is an extreme case of disfunctionment and this occurs when the user rebuilds himself the cluster set with a prealably genuine PDF creator software. Any good cluster plays while emitting a reddish color within a dotted periphery. Otherwise, a bad or deleted cluster should not play and neither emit this characteristic reddish color whatever if it shows the dotted periphery or not.

In reality the best solution in both situations is:

-1 Scan the ASMLS selector folder and locate any suspected file to replace it within the ASMLS coding either the .mp3 format.

-2 In the case of broken, missing or deleted clusters on the mechanism, make a copy of your actual ASMLS selector folder in the C:\Program Files\LHUPA SCIIAZ SUNTASTIC (ASMLS Option)\ASMLS SELECTOR and then, burn it on a CD-DVD or transfer it in a secure place on your hard drive and finally uninstall completely the PDFJS / ASMLS document prior to re-install it as new, repeating the steps in "Unpacking your box" shown above in this manual.

But, if you haven't modified yourself the cluster set on the mechanism, the major possibility remains in an erroneous or missing file and it's more easy to repair a missing .mp3 audio file than re-installing your entire project.

Also see "Performing a cluster test play" and the troubleshooting guide

Once the music recovered, you should be able to select it normally and this warning should disappear permanently!

All these settings should stay in place and you'll never see again these warnings until you uninstall your document from your computer and re-install it again.

TO MAKE A SELECTION FOR THE

FIRST TIME

Now, all the install process and preliminary first launch settings are done and you can make any selection on your PDF virtual jukebox.

To make a selection:

1- Locate the SCIIAZ icon on your desktop and then click on it. The PDF jukebox should deploy in full screen mode within a visual transition effect as a fading opening.

2- You can make a selection using two methods by reaching the page navigator on the bottom of the cover (14 illuminated buttons).

a - Using the selector (SC1-SC6) buttons to make directly your selection on the page of the selector control panel without making your choice on the selecting panel if you know the tune you want either its respective letter (A to Z).
- You can also reach directly the respective selecting panel of each selector control panel by clicking* on the "SELECT PANEL" button at the bottom right of the selector control panel page in order to select another tune and a visual transition effect should bring you the respective selecting panel.

b - Using the selecting panel (SC7-SC12) buttons to navigate the selecting panel page-per-page to find the tune you want to listen. You can also navigate by using the "SELECT PANEL" button at the left of the page of the selecting panel that permit you to navigate among the 6 pages in-loop using solely one button. - You can also reach directly the respective selector control panel page by clicking* on the "SELECTOR" button at the right of the selecting panel in order to select your tune by clicking* the A to Z buttons and a visual transition effect should bring you the respective selector control panel page.

3- In both methods, click* the button corresponding to the letter A to Z of your tune. Once, you should ear a vinyl record

"pop" sound effect and it will begin to play in seconds. - Towards each playing tune letters above, a luminating square indicator indicates the tune in play (record playing) and it stills

illuminated to incitate you once the tune ended until you click* the "SELECT PANEL" button to select the same tune to play it again or another one.

Unfortunately, you cannot select at this moment more than one tune at a time with the PDF jukebox! But a solution to this drawback could be found soon! You will also remark that the selector control panel is disabled when a tune plays and the respective indicator glows to avoid the annoying sound of several tunes playing together!

MAKING A SELECTION DIRECTLY ON THE CLUSTER MECHANISM OR A CLUSTER TEST PLAY

Whatever the purpose of it, if you want, you can listen music directly from the cluster mechanism itself without selecting it on the normal way by the selecting panel and the selector. You can also diagnose a playing disfunctionment by making a cluster test play.

To make a selection directly on the cluster mechanism, proceed as it follows:

1- Locate the SCIIAZ icon on your desktop and klick on it. The jukebox will deploy in full screen mode by default.

2- Locate on the upper right corner of the cover the "PDFJS / ASMLS" stylized monogram square logo and then click* on it. -

You should be redirected with a visual transition fading effect on the page of the central system called the "core system installation" where the cluster mechanism with all the music is.

You should see a virtual "inner machine" environment fully accessible troughout the 156 clusters of the mechanism and three virtual buttons that constitute a virtual "3 way" instrumentation toggle switch to control the navigation out system, ("EXIT SYSTEM"), the operating mode ("OPERATION") that exits out from the system and return to the first selector control panel (SC1) for normal operation and finally the reader mode button ("READER") that

exits the full screen mode to enter the reader mode for easy servicing of the system itself and the music managing.

3- Locate the page (SC...) and the letter (A to Z) of your tune on the chessboard alike mechanism:

- The page number grid is on the left side of the mechanism (SC7-SC12) from top to bottom (or vice-versa)

- The tune grid is on the upper side of the mechanism (A to Z) from left to right (or vice-versa)

4- If you want to listen the SC6M tune as an example, locate first the page "SC6" on left side grid of the mechanism and then locate the corresponding tune letter "M" on upper side grid of the mechanism in order to click* on that cluster SC6M cross refered by this grid. - Click* on the cluster and it should play while displaying its characteristic reddish color and a dotted line in periphery of that cluster until the tune ends. Once the SC6M tune ended, the cluster shuts down and the reddish color disappears but the dotted periphery stills in place to incitate the user to play it again!

If you click* on several clusters at a time in mind to perform an extended playing with several tunes in stand by, a problem will occur: all of the clicked clusters should start playing together resulting a very annoying sound! At this time, the PDF jukebox it's not equipped with any coming up system and cannot play a lot of music in stand by as a conventional jukebox but we work for! We suggest at this time, that you click* one cluster at a time, listen it and after, click* another one. To perform extended playing, we recommend you to set your ASMLS selector system with DJ music sets that will compensate for this drawback!

PERFORMING A CLUSTER TEST PLAY

If you encounter problems with the selector system, you can make a cluster test play and you proceed exactly like listening music directly from a cluster in the directives shown above. To test suspected clusters, proceed as it follows:

1- Take note of all selections they don't work or

seem to be broken by writing the ASMLS coding ex.: SC12N, SC7B ect.

2- Return to the cover page to reach the upper right corner of the cover the "PDFJS / ASMLS" stylized monogram square logo and click* on it. -You should be redirected with a visual transition fading effect on the page of the central system called the "core system installation" where the cluster mechanism with all the music is: a chessboard type platform with 156 B/W (black and white) vertical rectangles.

3- Click* on each suspected cluster and if it correct, it should begin to play while displaying its characteristic reddish color and a dotted line in periphery of that cluster until the tune ends. The dotted periphery should stills in place once the tune ended. Otherwise, if this cluster delivers no music or any sound, no reddish color emitting and evenly no dotted line in periphery of it, the cluster is broken, has a broken link, or simply deleted.

With the ASMLS system, this problem possibility is very rare! This is majorly caused by a modification made by the user on the mechanism and then the ASMLS system that has accidentally damaged or deleted these clusters. - Solely users who can use a suitable PDF creator software and have the knowledge of this, can repair, modify or edit these document systems.

See also the "Cannot Play Media" warning above and "Troubleshooting Guide" for more informations about this.

USING YOUR PDF JUKEBOX WHILE WORKING ON YOUR COMPUTER

You can if you want work on any program, software and chat on your computer while the PDFJS / ASMLS jukebox plays!

You can read other PDF's, write text, go on Internet and so on! The ASMLS system has been totally "re-thinked" the PDFJS document and now more reliable for persons who use computers for work! - The function who offers this possibility is the "READER" button or the ESCAPE key to exit the full screen mode and enter the normal using of your computer while the PDF

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jukebox continues to play without any cut out while shifting! To try it, proceed as it follows:

1- Locate the SCIIAZ icon on your desktop and then click on it. The PDF jukebox should deploy in full screen mode within a visual transition effect as a fading opening.

2- Navigate your box to select a tune as shown above and it should play in seconds after a vinyl "pop" sound effect

3- You should be redirected automatically to the selector control panel while the tune plays within a record playing indicator above each playing tune (A to Z). (At this time, all buttons of the A to Z selector are disabled, can be clicked* but have no control.) - Use the "READER" button on the bottom left corner of the selector control panel page you listen your music and you should enter the normal PDF reader screen mode but the jukebox stills always playing.

4- Now, re-enter the full screen mode by clicking* one more time the "READER" button and remark that the music plays without any cut out while shifting.

5- Now, click* again on the "READER" button to get the normal PDF reader mode screen and open any other software (except music or video) as text, art softwares, Internet, evenly PDF documents and the music should continue without any cut out while doing anything on your computer!

It's the same way for playing music directly on the cluster mechanism by clicking clusters. - You should use the "READER" button on the virtual toggle switch assembly on the center top of the cluster mechanism assembly under the fluorescent lamp design.

SAVING YOUR BOXES

Build a PDFJS / ASMLS box library, use your boxes as "modules" by pasting it in C:\Program Files and build a bigger PDFJS / ASMLS jukebox than solely a 156 selection one!

You can save the whole PDF jukebox within the music and the system itself simply by copying

the whole "LHUPA SCIIAZ SUNTASTIC (ASMLS Option)" folder in C:\Program Files before, editing, change or managing music! This will give the opportunity to build instantly replacement boxes in order to change or replace it like a "module" that will plug automatically within all functions and current settings of your box system once pasted in C:\Program Files. This also avoids you to re-install the entire software with all initial settings and you don't have to rename, change or delete the SCIIAZ shortcuts on your desktop.

You could change whole or partial music on your actual PSDFJ / ASMLS jukebox many times you want and save a copy of each freshly modified box system in the PDFJS / ASMLS library folder you had just created and then re-introduce it in the C:\Program files anytime you want! Your PDFJS / ASMLS box library must be in a secure place on your hard drive or on any external storage device. - You can solely change 1 record or the entire selection... No problemo! You can make a copy of your actual jukebox folder before editing it and re-introduce it a month later in the C:\Program Files without damaging anything and open your box as you do normally and play it instantly like a "plug-and-play" device!

THINGS TO KNOW BEFORE SAVING YOUR FIRST PDFJS / ASMLS JUKEBOX

- Absolutely nothing in the master folder "LHUPA SCIIAZ SUNTASTIC (ASMLS Option)" should be renamed, modified or deleted. All of this must be genuine.

- The master folder itself: "LHUPA SCIIAZ SUNTASTIC (ASMLS Option)" should never be renamed or being in another folder than C:\Program Files. The folder must be genuine.

- All the shortcuts of the SCIIAZ jukebox on your desktop should be genuine and never renamed or deleted.

- You should create an independent folder for

each box folder named by the date or a specific characteristic in your PDFJS / ASMLS box library because, your master folder should be genuine and never modified or renamed.

Your PDFJS / ASMLS box library can hold over 50 folders named by date of the day ex.: "December 12 2008", (but never renamed with system's folders names that's can make confusion with inner folders and rewrite them.) with a copy of the whole folder "LHUPA SCIIAZ SUNTASTIC (ASMLS Option)". The consequence of the renaming, modifying or deleting anything in these folders should render your jukebox system unusable, totally unreadable or irreparably damaged!

To build the PDFJS / ASMLS box library, proceed as it follows:

1- Choose a secure place on your hard disk or any external storage device.

2- Create a new folder and then name it "PDFJS - ASMLS Box Library". - This will hold all your jukebox folders to be re-introduced in C:\Program Files.

To save a copy your current PDFJS / ASMLS box system prior to be modified, proceed as it follows:

1- Go to your "PDFJS - ASMLS Box Library" folder, open it, create a new folder, rename it by the date of the day ex.: "December 12 2008" and then open it.

2- Go in C:\Program Files and then locate the folder "LHUPA SCIIAZ SUNTASTIC (ASMLS Option)" and copy it.

3- Return to your "December 12 2008" folder in your box library and then paste the freshly copied folder in it and the entire folder should be copied with all content and ready to re-use it later.

PDFJS - ASMLS BOX LIBRARY

To add another box system in your PDFJS - ASMLS Box Library, proceed as it follows:

1- Return to your "PDFJS - ASMLS Box Library" and open it.

2- Create a new folder, rename it by the date of the day ex.: "January 01 2009" and then open it.

3- Go in C:\Program Files and then locate the folder "LHUPA SCIIAZ SUNTASTIC (ASMLS Option)" and copy it.

4- Paste the freshly copied folder in the "January 01 2009" folder.

Actually, you should have 2 jukebox systems in your library.

RETRIEVING A BOX SYSTEM

To retrieve a box system and re-install it in C:\Program Files, proceed as it follows:

1- Go to your "PDFJS - ASMLS Box Library" folder, open it and create a new folder with the date of the day.

2- Make a copy of your current jukebox folder in C:\Program Files and then paste it in the newly added folder in your library named with the date of the day.

3- Choose the jukebox folder of the date of the day you want and then open it.

4- Copy the "LHUPA SCIIAZ SUNTASTIC (ASMLS Option)" folder in it.

5- Then, return to C:\Program Files and open it.

6- Paste the jukebox folder "LHUPA SCIIAZ SUNTASTIC (ASMLS Option)" in C:\Program Files.

7- A dialog box should ask you "Do you want to rewrite the "LHUPA SCIIAZ SUNTASTIC (ASMLS Option)" folder in C:\Program Files? Then, click "Yes".

The current folder "LHUPA SCIIAZ SUNTASTIC (ASMLS Option)" in C:\Program Files should be

ADDING OTHER BOXES TO THE

LHUPA SCANLOG II AZ SUNTASTIC PDFJS / ASMLS - Owner's Manual

totally rewritten with the content of the box you have already chosen in your library and the box you have selected is fully functional and ready to use!

USING THE SCANLOG II AZ IN CABINET, A BOOTH OR A KIOSK

(This is a suggestion of project for the DIY enthusiast and it has not tested nor built yet! - All needed material, tooling, components are exhaustive and can vary from any project to others)

You can use your creative talent and install the Scanlog II AZ in a cabinet, a booth or a kiosk with the cabinet of your choice from anything or create it, This gives to your project a truly realistic dimension and it will also give the idea to anyone who loves jukeboxes. All you need is:

- 1 Cabinet from TV console, arcade game machine cabinet (MAME), another jukebox or create it "A to Z"!

- 1 Computer whatever the type but must be powerful as 1 Gb RAM minimum, Pentium 4* (or more) preferable and a 200 Gb

- minimum hard drive (for large HQ .mp3's long tunes), a powerful graphic card as ATI*, NVIDIA* ect. and a high quality

- sound card as CREATIVE SOUND BLASTER* (In this case, this is the vital part of the system). All "Pro" material in this project is welcomed.

- 1 Flat touch screen monitor preferably 20 inch or more (This will also constitute the control boards by using document jukebox buttons directly on the touch screen and enhance the quality of the project and the interactivity degree.)

- 1 Regular flat screen monitor preferably 20 inch or more (If you build the basic project)

If a regular flat screen monitor is used, you must have an external keyboard to build your selector and navigator totalizing 43 buttons. - You can build it with bulky push buttons.

26 Buttons (A-Z Selector)

1 Button (READER)

1 Button (SELECT PANEL)

1 Button (SELECTOR)

2 Buttons (COVER)

12 Buttons (SC1, SC2, SC3, SC4, SC5, SC6, SC7, SC8, SC9, SC10, SC11, SC12)

- 1 Additional regular flat screen 20 inch or more (for using within the dual monitor mode to build the facing of the jukebox by driving the screen saver on this screen constituting the face plate of the apparatus (This is for the astucious guy!)

- 1 Keyboard (For the setting of the jukebox)

- 1 Mouse (Optical preferred) (for the setting of the jukebox)

- 1 Stereo amplifier

- 2 Woofer speakers

- 2 Midrange speakers

- 2 tweeter speakers

- 1 Subwoofer speaker

- 2 Crossover circuits

- 1 compact fluorescent lamp fixture plus ballast and lamp (If needed)

- Sufficient hardware #1 (Metal plates, fixtures, screws, bolts, nuts, nails ect.)

- Sufficient hardware #2 (Wooden sheets or plates, plastic, glass, plexiglass and fiber glass if needed for the speakers insonorisation)

- Sufficient hardware #3 (Electric and electronic parts and material as wires, fuses and holders, switches coloured wires, micro lamps, push buttons, soldering material, LED's, PCB's, semiconductors and IC's if needed.)

- Sufficient tooling (Hand saw, gig saw, router, drill, most used screw drivers, soldering iron, multi-tester numeric or analogic oscilloscope if you need of)

This is an exhaustive list and it can vary from a project to another. - Nothing of this list excepting

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the computer and flat monitors can be used in your project but other material can be used. - The amount of material used in your project can also vary from another builder.

The finished product should give a standalone jukebox totally operational within the PDF reader software and Windows XP* SP1, SP2, SP3 or Vista*. - The system itself would vary from a builder to another depending of his knowledge in computer building.

HOW TO USE, INTERCHANGE THE SCREEN SAVERS?

You have 2 assorted screen savers bundled to your software (one streight and the other glittered) and already installed it while installing the PDF jukebox system on your computer. - How to use it, interchange it or modify parameters of it.?

HOW TO USE IT?:

1- Click the one of the two screen savers icons you want on your desktop and the choosen screen saver should deploy. It's possible that you experience some flicker before the screen saver is truly in use. - Click on the choosen screen saver's icon until it works correctly.

By default, screen savers should start every 600 Sec. (10 min.) of inactivity on the computer.

HOW TO INTERCHANGE IT?:

1- Click the other of the two screen savers icons you have already choosen on your desktop and the other freshly choosen screen saver should deploy. It's possible that you experience some flicker before the screen saver is truly in use. - Click on the choosen screen saver's icon until it works correctly.

HOW TO MODIFY PARAMETERS OF

IT?:

Modifying the parameters of the screen savers consists essentially to set the time delay period of inactivity before it starts or desactivate it. For this, proceed as it follows:

MODIFYING THE TIME DELAY

1- Click "START" and then go to "CONTROL PANEL"

2- Click "DISPLAY PROPERTIES" an then the "SCREEN SAVER" tab

3- Select the time delay from 1 Sec. Minimum to 9999 Sec. Maximum (166.65 Mins.) - The default setting is 600 Sec. (10 Min.)

For the jukebox use in cabinet, booth, kiosk or any other standalone apparatus, 30 Sec. or 60 Sec. (1 Min.) seems to be a good coice! - Once a user finishes his selection, the screen saver starts automatically in seconds once the user quits the machine.

DISABLING THE SCREEN SAVER UTILITY

If you don't want screen savers anymore for permanent jukebox display, proceed as it follows:

1- Click "START" and then go to "CONTROL PANEL"

2- Click "DISPLAY PROPERTIES" an then the "SCREEN SAVER" tab

3- In the screen saver list, click "NONE" and then click "OK"

This should disable permanently the screen saver utility and run steady without any screen cut out but the power management must be set to "NEVER" to work as you want and then never shut down.

SETTING THE POWER OPTIONS

ALWAYS ON

To ensure to have your screen and system always on, you must set the power management to "NEVER" on all parts of the system as monitor, hard drive, system stand by and the system hibernation.

1- Click "START", click "CONTROL PANEL", click "PERFORMANCE AND MAINTENANCE" and then click "POWER OPTIONS" you should see a dialog box displaying the two power settings: "PLUGGED IN" and "RUNNING ON BATTERIES"

2- Either for the two power settings, you should set the power management to "NEVER" in each device's time list:

PLUGGED IN:

Turn Off Monitor = Never

Turn Off Hard Disks = Never

System Stand By = Never

System Hibernation = Never

RUNNING ON BATTERIES:

Turn Off Monitor = Never

Turn Off Hard Disks = Never

System Stand By = Never

System Hibernation = Never

When it's done, save these settings by creating a new power scheme and then click "SAVE AS"

with the name of your choice but we suggest "SCANLOG II AZ Jukebox" or "Standalone Jukebox".

TROUBLESHOOTING GUIDE

This shows the most common problems encountered in the PDFJS / ASMLS jukebox system installation. - Using other PDF reader softwares than the most recent Adobe Reader* software can affect the overall performance of the PDFJS / ASMLS jukebox document because this was built with Adobe Acrobat Professional 7.0 and 9.0

1- I click on the icon but nothing deploys or say that cannot open this document

- Check if you have already Adobe Reader 6.0* with the multimedia plug-in installed at least- To install this interactive document,

It's strongly recommended that you install the latest Adobe Reader version available! NOTE: In the latest versions of Adobe Reader* (7.0, 8.0, and 9.0) the multimedia plug-in is already included and it's not necessary to install it!*

2- It deploys normally in full screen mode but no sound

- Check if your sound card operates correctly, if the driver is updated

- Check if the computer's built-in media player is disabled and enable it if it is

- Check if the "WAVE" control is enabled in the volume control board if it's disabled or mute, uncheck the box "mute"

- Check if the entire document has no sound by trying several tunes on this. If the document sounds correctly on some tunes but no sound on others, check the ASMLS selector folder or check the cluster mechanism if all clusters play correctly.

(Also see "Cannot Play Media" in this troubleshooting guide or in When it opens for the first time... There are the little things remaining! above)

3- When I select a tune, this tune doesn't start

and a dialog box named "Cannot Play Media" warns that the media file would not be present as "Cannot play media because C:\Program Files\LHUPA SCIIAZ SUNTASTIC (ASMLS Option)\ASMLS SELECTOR\SC7A.mp3 cannot be opened. The file may not be present"

The major cause of this problem in interactive PDFJS / ASMLS documents is the erroneously titled files with the real title instead the ASMLS coding.

ASMLS coding is the only "language" that the system of PDFJS / ASMLS documents should recognize. A typical normal titled tune as "COME AS YOU ARE" - NIRVANA should not be recognized by the system and should not play. But, if that tune is titled with the ASMLS coding as "SC7A", "SC8A", "SC9A" ect.

(the ASMLS coding for the Scanlog II AZ jukebox) it should be recognized by the system and start to play in seconds after a vinyl record "pop" sound effect.

The ASMLS coding varies from a document model to another. The other possible cause is the bad sound format in these files Ex.: .ogg. The .ogg format is not recognized in the PDFJS / ASMLS document. Basically, the PDFJS document regular or ASMLS uses only the .mp3 format.

- Check all files in the C:\Program Files\SCIIAZ SUNTASTIC (ASMLS Option)\ASMLS SELECTOR if it all the content is in .mp3 format. If some files are in .wav, .ogg, .wma ect., these files must be reloaded in .mp3 format within the ASMLS coding.

- Check if all the content is titled with the ASMLS coding. If some files are faultly titled, not ASMLS coded, rename it within the respective coding number

- as SC12A (A to Z) to make the these tunes recognized by the ASMLS system and then play normally.

- Check if you have erroneously dropped files in the bad folder

4- The image of the document is poor, raw coloured, blurry or bad resolution

The image display quality and the image resolution depend closely of the use of a quality video card (also called graphic card) or not and the version of Windows*

used. For an example, if you have Windows

'95 or '98, it could be difficult to get a good quality display without a high quality graphic card. But, Windows XP has a built-in video driver for generic on-board graphic cards and this permits to get a very nice quality display.

In the case of PDFJS documents (ASMLS or regular), the default display setting is made as the master document building goes complete. By default, any PDFJS

document (except "JUKE KATALOG" PDF documents) whatever the type, model or engineering is built at 1024 X 768 resolution within lossless PDF image transfer. To fix this problem,

the possible solutions are:

- Check your display resolution and if it's at 800 X 600, set it to 1024 X 768 for a suitable viewing of your PDFJS document

- Check your graphic card and the upgrade the driver whenever possible

- Check your monitor display settings if are correct

- Whenever possible, use a flat screen monitor

- Upgrade the Direct-X software to the latest version whenever possible

5- The PDF reader software tends to freeze, be "lazy" or takes a lot of time to open, run the PDFJS / ASMLS document

This is a frequently encountered problem with any PDF documents and the PDFJS / ASMLS jukebox are more complex than a regular PDF document. This can cause a very slow opening and running of this interactive document. - The most common cause of this "lazy" running is the use of a 512Kb RAM or less and a slow CPU! The use of another PDF reader software than the genuine Adobe Reader* can affect the overall performance of the PDFJS / ASMLS document.

The most possible solutions to this are:

- Ensure to have the latest Adobe Reader* software available at: www.adobe.com/reader

- It can be possible to spread up the speed of operation of the Adobe Reader* software by using a little software called "PDF SpeedUp 1.42" edited by Acro PDF Systems in 2005. In fact, PDF SpeedUp 1.42 disables all unwanted plug-ins on the Adobe Reader* software thats

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improves and "oils and greases" the PDF reader software for better performance! But, be careful! Disabling plug-ins that control the PDFJS / ASMLS or multimedia PDF document can render your document unreadable! But, it's possible to reactivate disabled plug-ins if you make an error! You can download it at: www.acropdf.com

- Upgrade the Direct-X software to the latest version whenever possible

6- PDFJS / ASMLS jukebox documents can be readable on any OS?

In fact, all PDFJS / ASMLS jukebox documents like any PDF documents should be readable correctly on any OS as Windows, MAC and evenly Linux if the latest version of Adobe Reader* is compatible with the installed OS. - Whatever the OS you use, your interactive document should run correctly if you have a compatible Adobe Reader* software, preferably the latest version.*

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Some model parts of this project ("X7") is linked to WURLITZER a multinational, german and U. S. based (Tonawanda) manufacturer of jukeboxes, vending machines, amusement and other commercial ("coin-op") products. for the inspiration and finish of this project. "ADOBE", "ADOBE READER 9.0" and logos are trade marks of Adobe Systems, Incorporated SAN JOSE Calif.,USA."PROFESSIONAL SCREEN SAVER PRODUCER 3.6" AND "AXIALIS" are trademarks of Axialis Software 1, rue de Stockholm 75008 Paris, France Designs, Artwork, Trade Marks and Logos 2002, 2003, 2004, 2005, 2006, 2007, 2008 inclusively Yatzek Electros Technologies Div. LHUPATECH. 6, Des Écoliers La Martre, Quebec, Canada G0E 2H0.

JOIN US AT LHUPATECH!

LHUPATECH is a part of Yatzek Electros Technologies since 2001 as a multimedia CD / DVD transfer services, computer devices and software editor / manufacturer. All products and services are known as "LHUPA" with the "cylinder" logo and service marks. It's also also the computer jukebox specialist since 2003 with the PDFJS multimedia jukebox and the Chris Lamentia's WINCAB / DOSCAB jukebox from 2004 for developing and building skins. In other

way, Yatzek Electros Technologies is a electronic servicing company that operates in the field of repairs, adjusting, modifying and creating of electronic devices since 1996. But, with the uncessing popularity of computer devices and creating, Yatzek Electros Technologies has begun in this field in 2000 with CD replicating services. One year later, in 2001, Yatzek Electros Technologies launched "LHUPATECH" its computer services division comprising CD / DVD replicating services and some building of creative electronic devices related to computer electronics, audio and video.

To reach Yatzek Electros Technologies Div. LHUPATECH, you can contact us at the same address for Yatzek Electros Technologies. All services are in the same building!

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THE INSPIRATION: THE 1978 X7 FROM WURLITZER*



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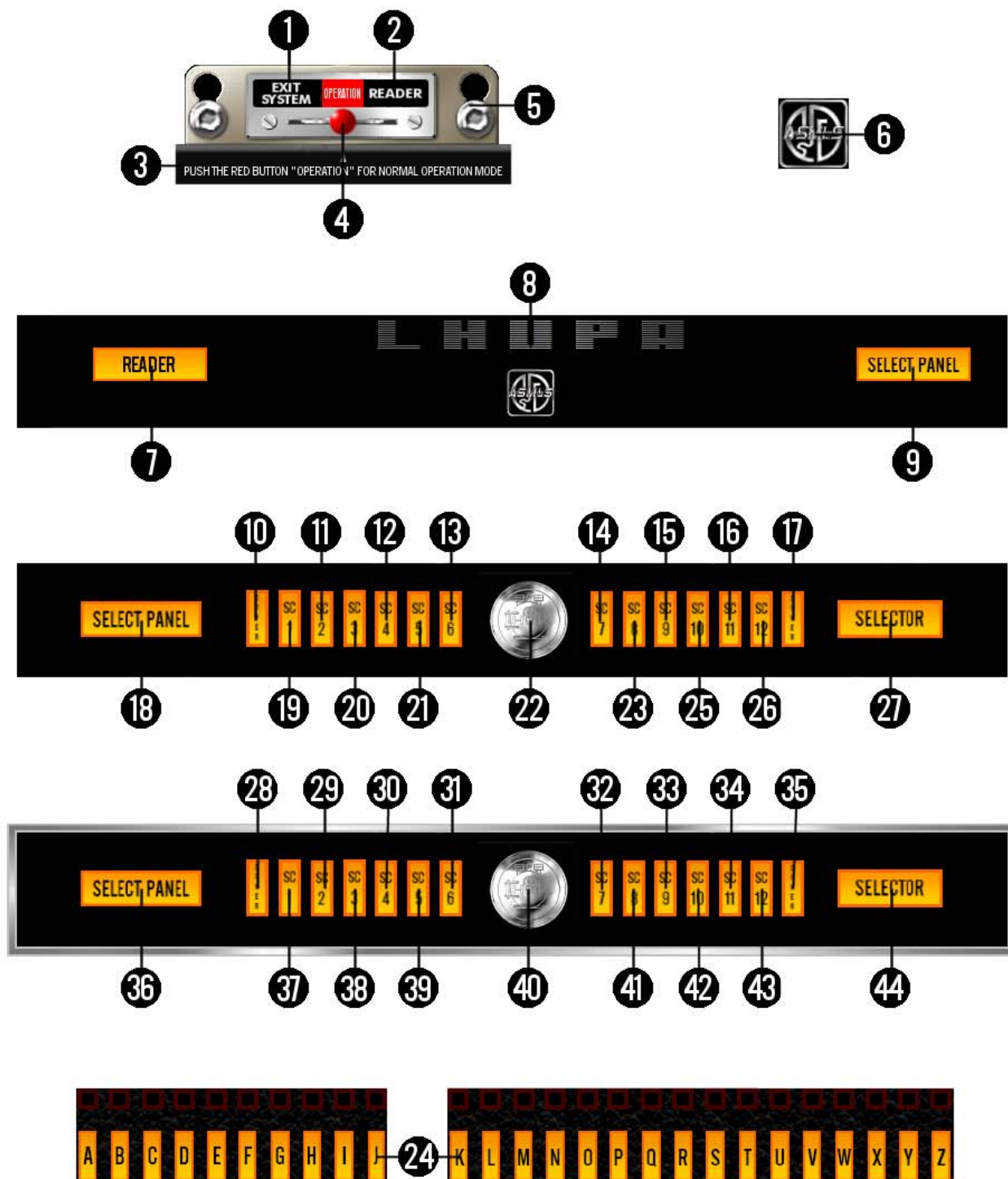
TECHNICAL APPENDIX

L H U P A
SUNTASTIC



scanlog II AZ

WHOLE SYSTEM ACTIVE PARTS AND CONTROLS



1 - System Access Control Panel - Exit System, return to the front / rear cover

2 - System Access Control Panel - Reader Mode Button (Same as 7)

3 - Cluster Technology PDFJS / ASMLS Mechanism

4 - System Access Control Panel - Operation Mode Button
(Returns to first selector - Page-SC1)

5 - System Access Control Panel

6 - System Access Button (Access the core system installation with the PDFJS / ASMLS mechanism)

7 - Reader Button (Exit system from full screen mode to enter PDF Reader screen mode)

8 - Selector Control Panel (Pages SC1, SC2, SC3, SC4, SC5, SC6)

9 - Select Panel Button (Display the selecting panel and the title strips)

10, 28 - Front Cover Access Button (Access the front cover)

11, 29 - Page SC2 Access Button (Access the Page-SC2 selector control panel)

12, 30 - Page SC4 Access Button (Access the Page-SC4 selector control panel)

13, 31 - Page SC6 Access Button (Access the Page-SC6 selector control panel)

24 - Selector Control Panel 26 Buttons A to Z (Control panel that permits to select among 26 tunes A to Z one tune at a time - Pages SC1, SC2, SC3, SC4, SC5, SC6)

40 - Front / Rear Cover Navigator Control panel

14, 32 - Page SC7 Access Button (Access the Page-SC7 selecting panel)

15, 33 - Page SC9 Access Button (Access the Page-SC9 selecting panel)

16, 34 - Page SC11 Access Button (Access the Page-SC11 selector control panel)

17, 35 - Rear Cover Access Button (Access the rear cover)

18 - Loop Selecting Panel Access Button (Access in loop the selecting panel pages - Pages SC7-SC12)

19, 37 - Page SC1 Access Button (Access the Page-SC1 selector control panel)

20, 38 - Page SC3 Access Button (Access the Page-SC3 selector control panel)

21, 39 - Page SC5 Access Button (Access the Page-SC5 selector control panel)

22 - Selecting Panel Pages (Pages that display the title strips with the tunes and artist names plus navigator control buttons - Pages SC7-SC12)

23, 41 - Page SC8 Access Button (Access the Page-SC8 selecting panel)

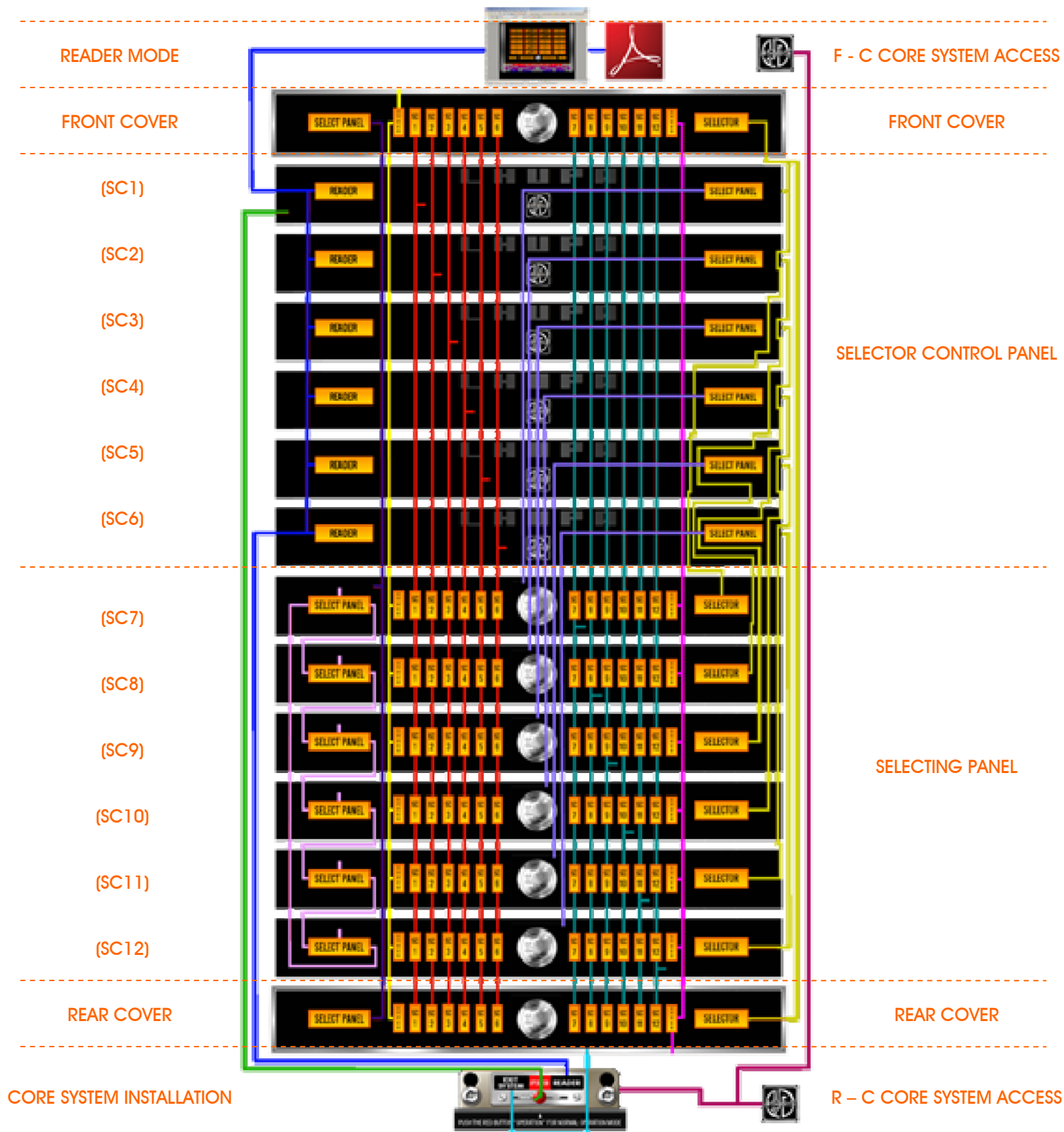
25, 42 - Page SC10 Access Button (Access the Page-SC10 selecting panel)

26, 43 - Page SC12 Access Button (Access the Page-SC12 selecting panel)

27, 44 - Corresponding Selector Access Button (Access the present selecting panel corresponding selector control panel pages that permit to select a tune - Pages SC1-SC6)

Navigator controls: 10 to 27 = Selecting panel 28 to 44 = Front / Rear Cover

SYSTEM WIRED DIAGRAM SIMULATION

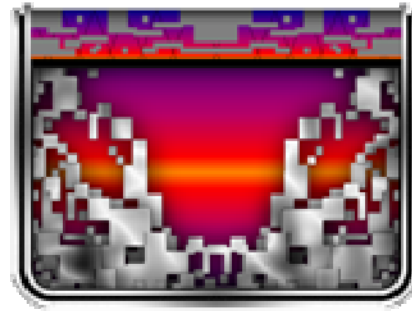
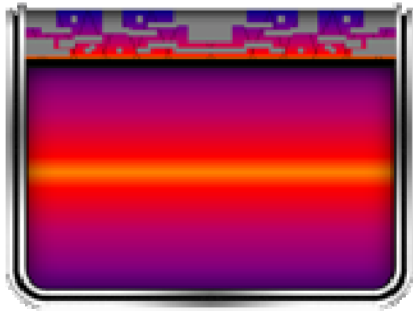


	FIRST SELECTING PANEL (SC7)		FRONT COVER ACCESS		CORRESPONDING SELECTING PANEL
	READER MODE		REAR COVER ACCESS		SELECTING PANEL
	OPERATION (RETURN TO SC1)		LOOP SELECTING PANEL SEEK		CORRESPONDING SELECTOR
	SELECTOR CONTROL PANEL		SYSTEM EXIT (TO F / R COVERS)		CORE SYSTEM ACCESS

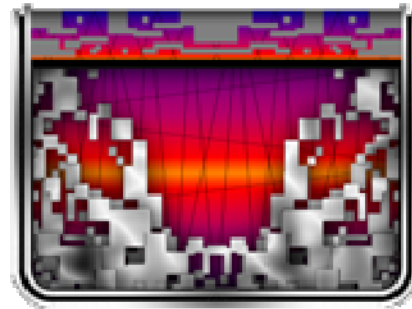
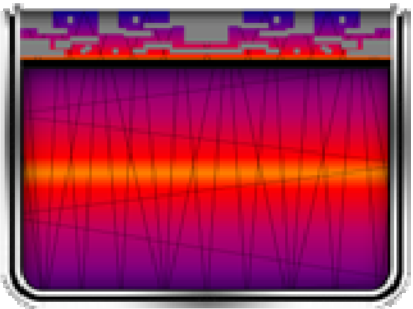
STREIGHT

GLITTER

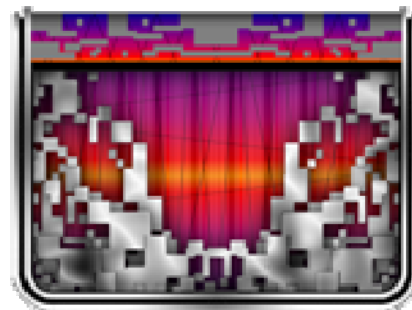
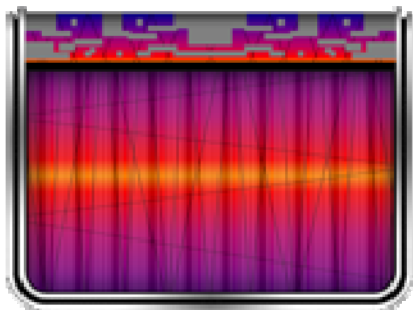
STATE #1



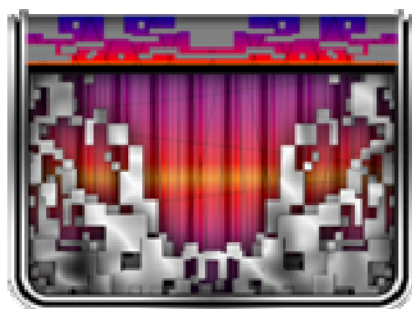
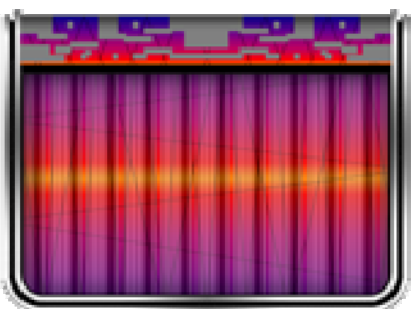
STATE #2



STATE #3



STATE #4



SEQUENCE: 1 – 2 – 3 – 4 – 3 – 2 – 1 AND RECYCLE FOREVER

SYSTEM TRANSITION EFFECTS

SYSTEM OPENING



FADE

GO TO
SELECTING PANEL



PUSH DOWN



GO TO
SELECTOR



PUSH UP



ACCESS CORE SYSTEM



FADE

EXIT SYSTEM
(RETURN TO F / R COVERS)

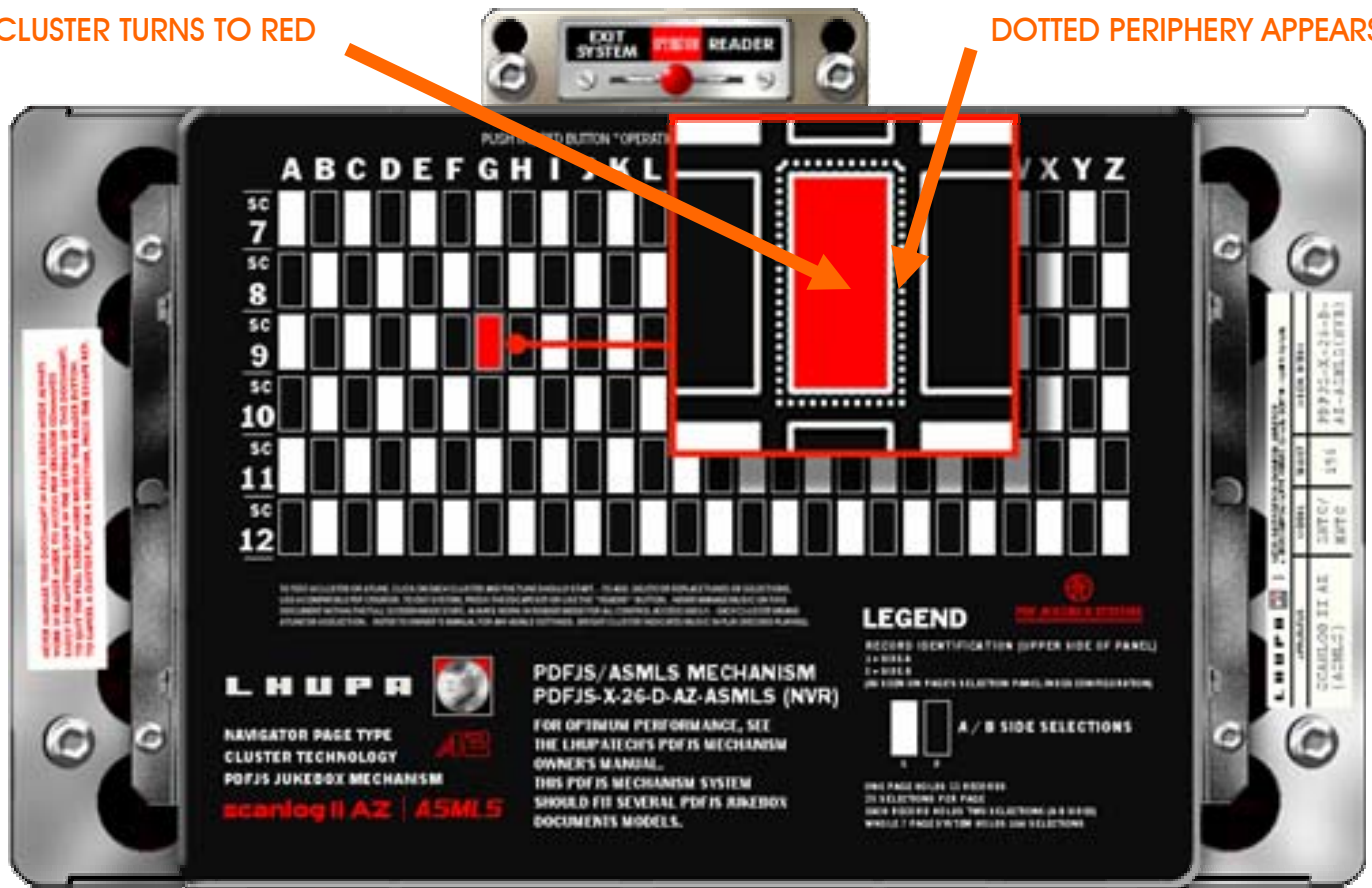


FADE

CORE SYSTEM ASSEMBLY – THE PDFJS / ASMLS MECHANISM: PDFJS-X-26-D-AZ-ASMLS (NVR) SELECTED CLUSTER IN PLAY

CLUSTER TURNS TO RED

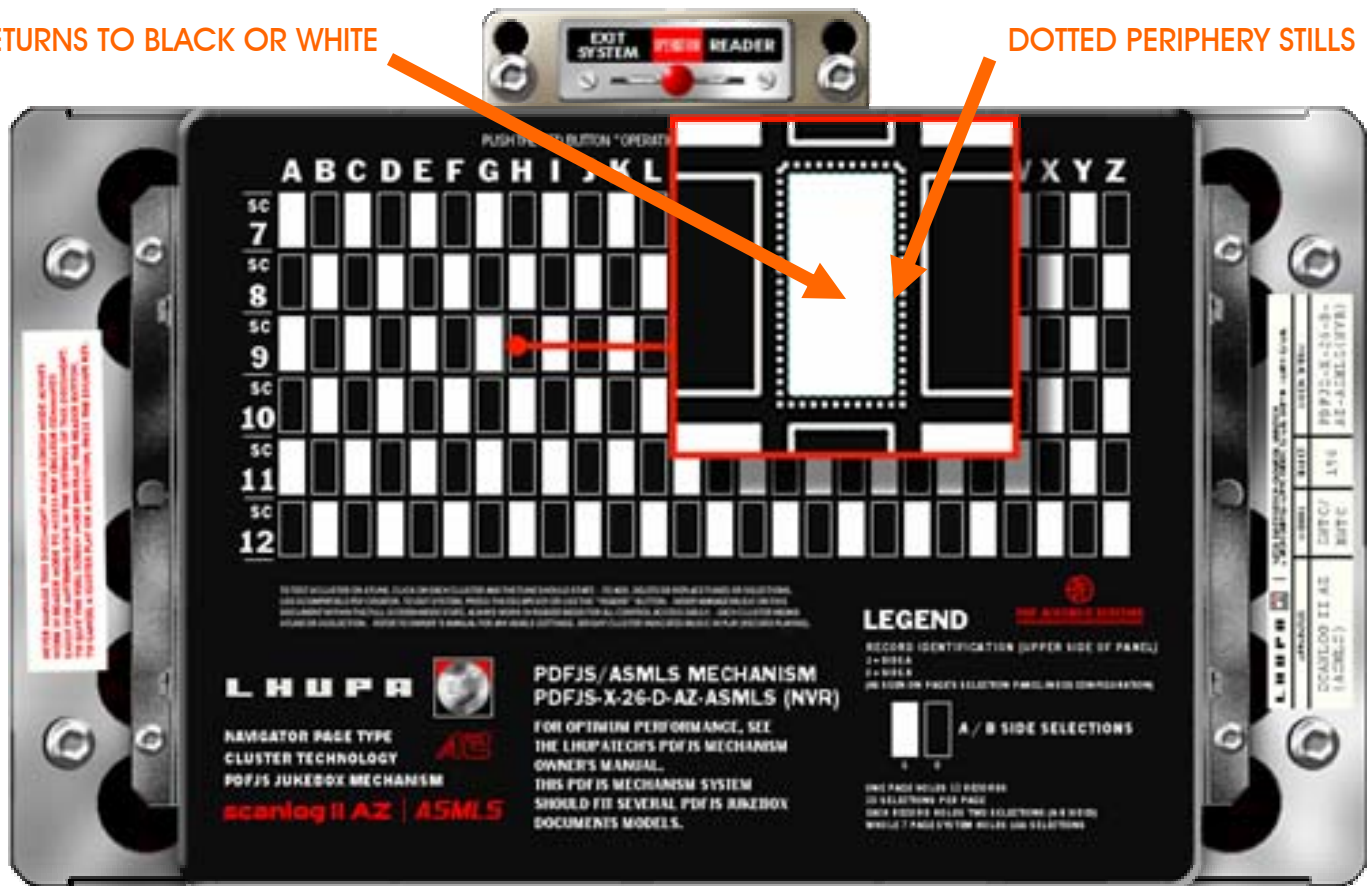
DOTTED PERIPHERY APPEARS



ENDED SELECTED CLUSTER

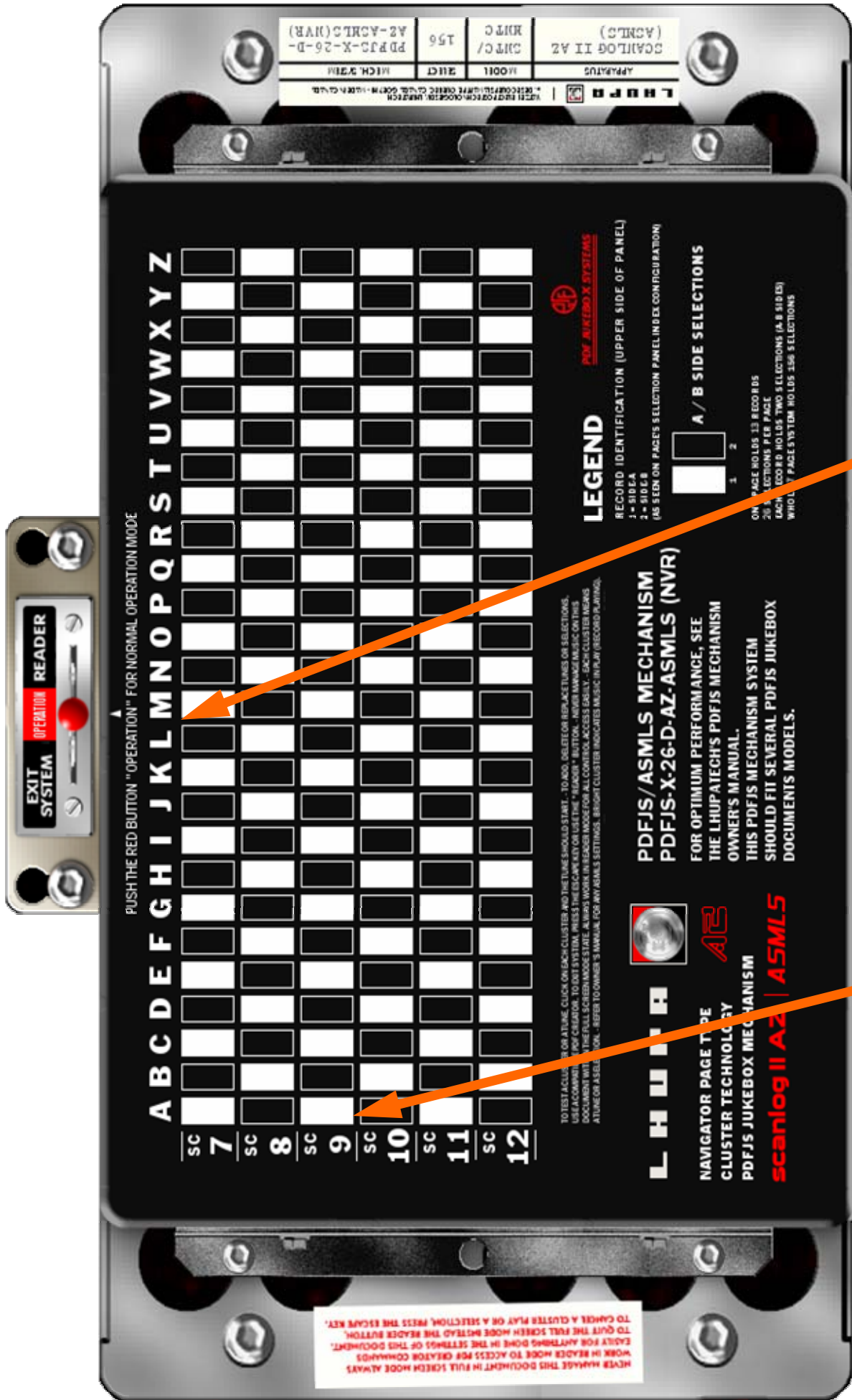
RETURNS TO BLACK OR WHITE

DOTTED PERIPHERY STILLS



DOTTED PERIPHERY APPEARS ONCE BEGIN TO PLAY AND STILLS AFTER PLAYING FOR EASY RETRIEVAL

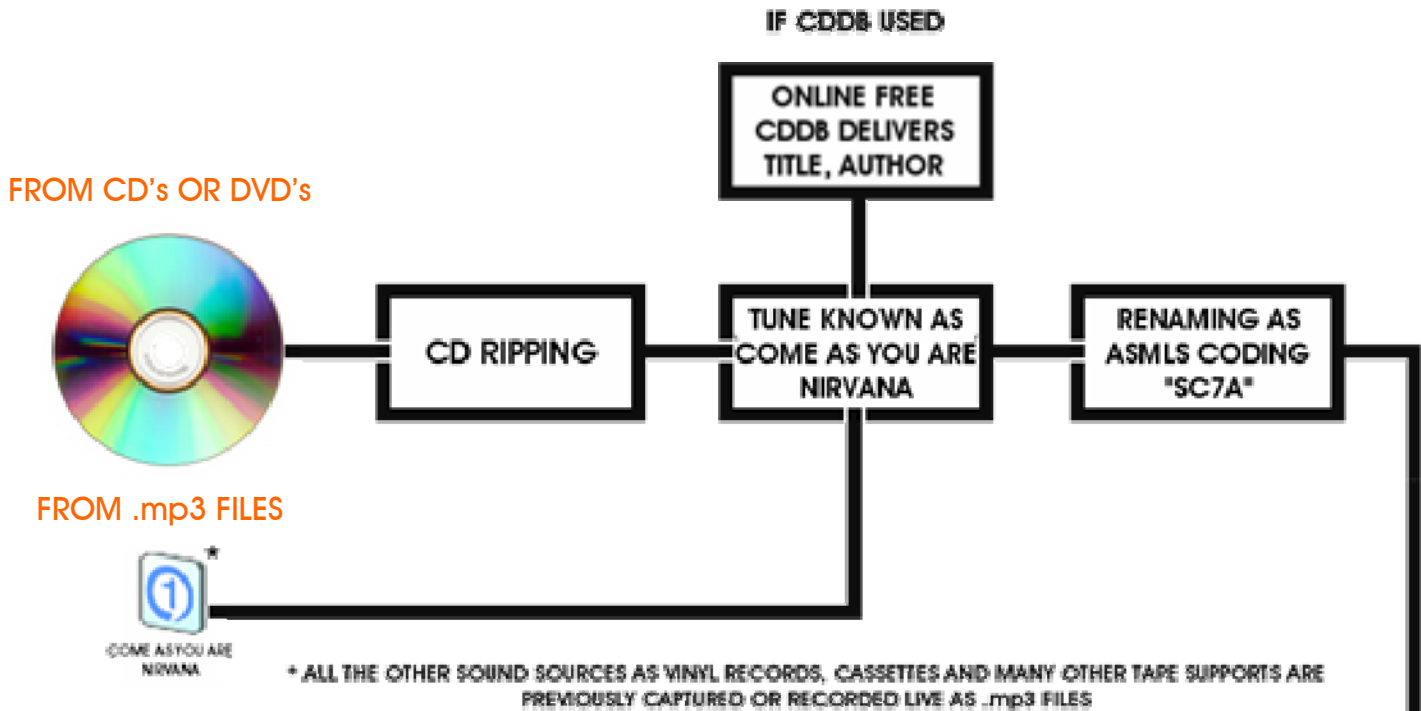
SELECTION CROSS REFERENCE



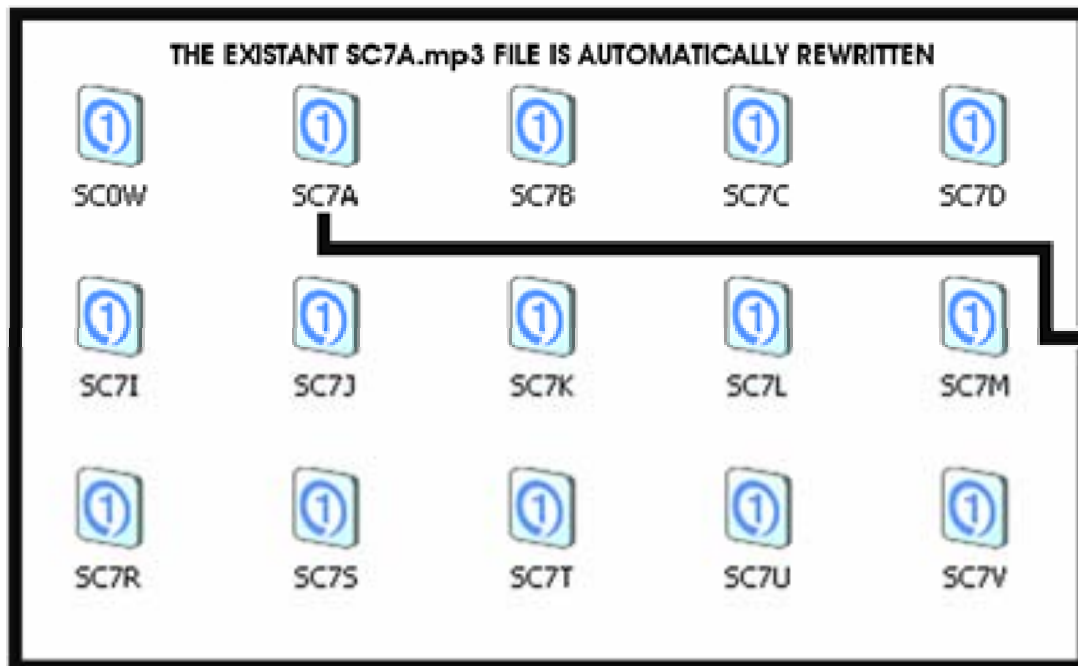
VERTICAL = Pages SC7-SC12 (6) - HORIZONTAL = Selections A to Z (26)

ASMLS RECORDING PRINCIPLE IN 3 STEPS FROM SOUND SOURCE TO ASMLS SELECTOR FOLDER

With the ASMLS system, you can manage, change your music on any ASMLS / PDFJS jukebox whatever you have a PDF creator software or solely a PDF reader software! – You don't need any of these softwares anymore to do this... Simply replace files in the ASMLS SELECTOR folder by renaming your newly ripped material (your music) with the same name as the .mp3 files in that folder and it's done!



ASMLS SELECTOR FOLDER



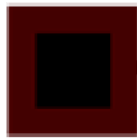
THIS PERMITS THE PDFJS / ASMLS JUKEBOX TO RECOGNIZE YOUR MUSIC AND PLAY IT WHATEVER THE MUSIC, THE AUTHOR, THE LANGUAGE ECT.

TO REPLACE MUSIC ON YOUR ASMLS / PDFJS JUKEBOX

- 1- Rip the music
- 2- Rename the music with the ASMLS coding
- 3- Put the ASMLS music in the ASMLS SELECTOR folder in order to rewrite the existant file

RECORD PLAYING PRINCIPLE BLOCK DIAGRAM (STAND BY)

RECORD PLAYING INDICATOR
PAGE



In stand by mode, the system waits for the trigger of the button "A" that's start the record playing.



SELECTOR BUTTON
(TRIGGER)

PDF CONTROL
SYSTEM

BUILT-IN
MEDIA PLAYER

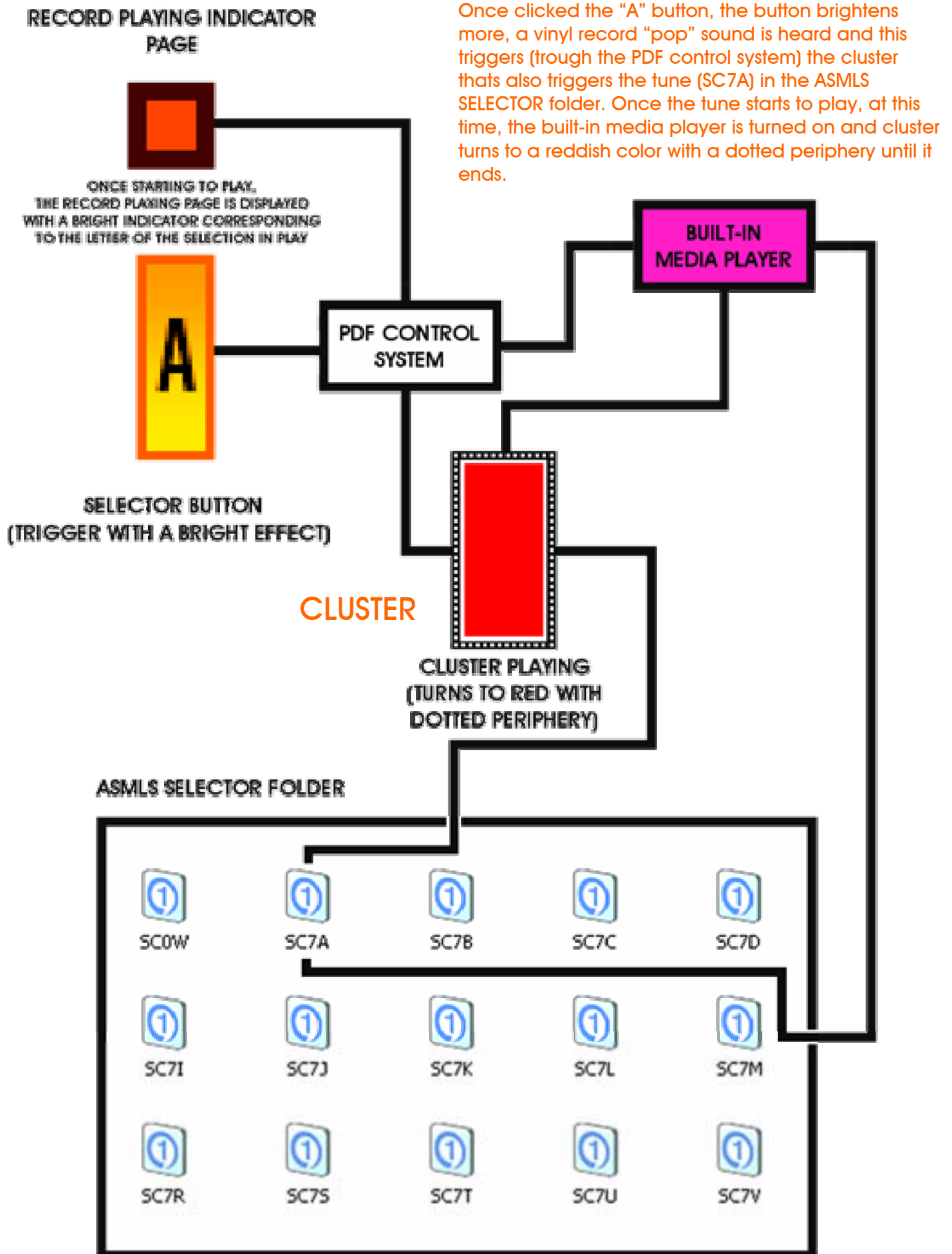
CLUSTER

CLUSTER IN STAND BY
WAITS TO PLAY

ASMLS SELECTOR FOLDER

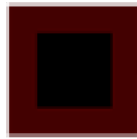


RECORD PLAYING PRINCIPLE BLOCK DIAGRAM (START PLAY - PLAYING)



RECORD PLAYING PRINCIPLE BLOCK DIAGRAM (ENDING)

RECORD PLAYING INDICATOR PAGE



ALL INDICATORS SHUT DOWN
AND RETURN TO THE STAND BY MODE

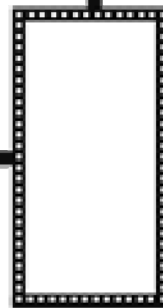


SELECTOR BUTTON
(TRIGGER)

PDF CONTROL
SYSTEM

BUILT-IN
MEDIA PLAYER

CLUSTER



ONCE ENDED, THE CLUSTER
SHUTS DOWN AND RETURNS TO
BLACK OR WHITE BUT THE DOTTED
PERIPHERY STILLS FOR EASY RETRIEVAL TO PLAY AGAIN

ASMLS SELECTOR FOLDER

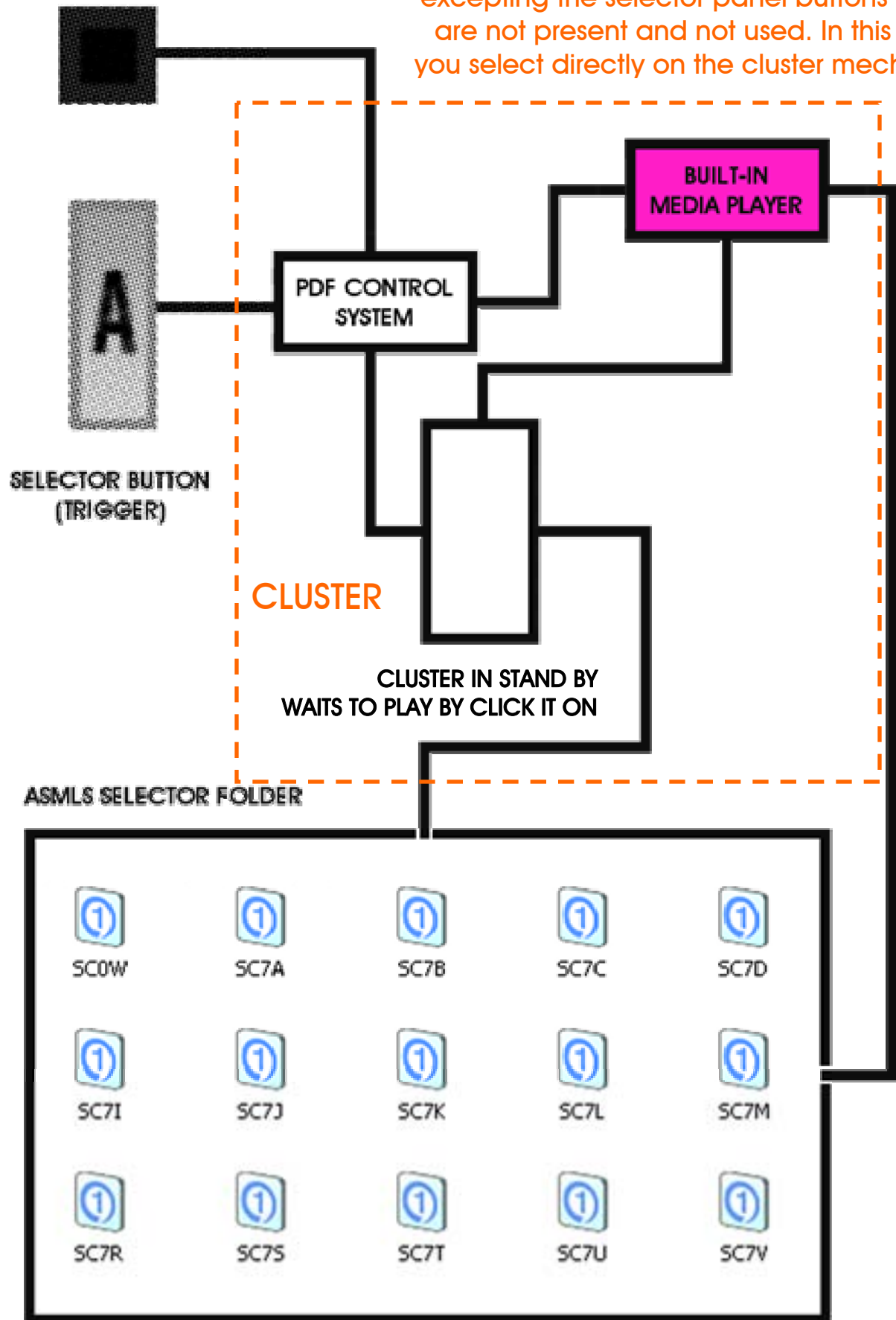


Once the tune ended, the cluster returns to its initial Black or white color, all the indicators and the built-in media player shut down to re-enter the stand by mode. But this time, the dotted periphery stills in order to retrieve easily the tune just played.

MAKING A CLUSTER TEST PLAY PRINCIPLE BLOCK DIAGRAM (STAND BY)

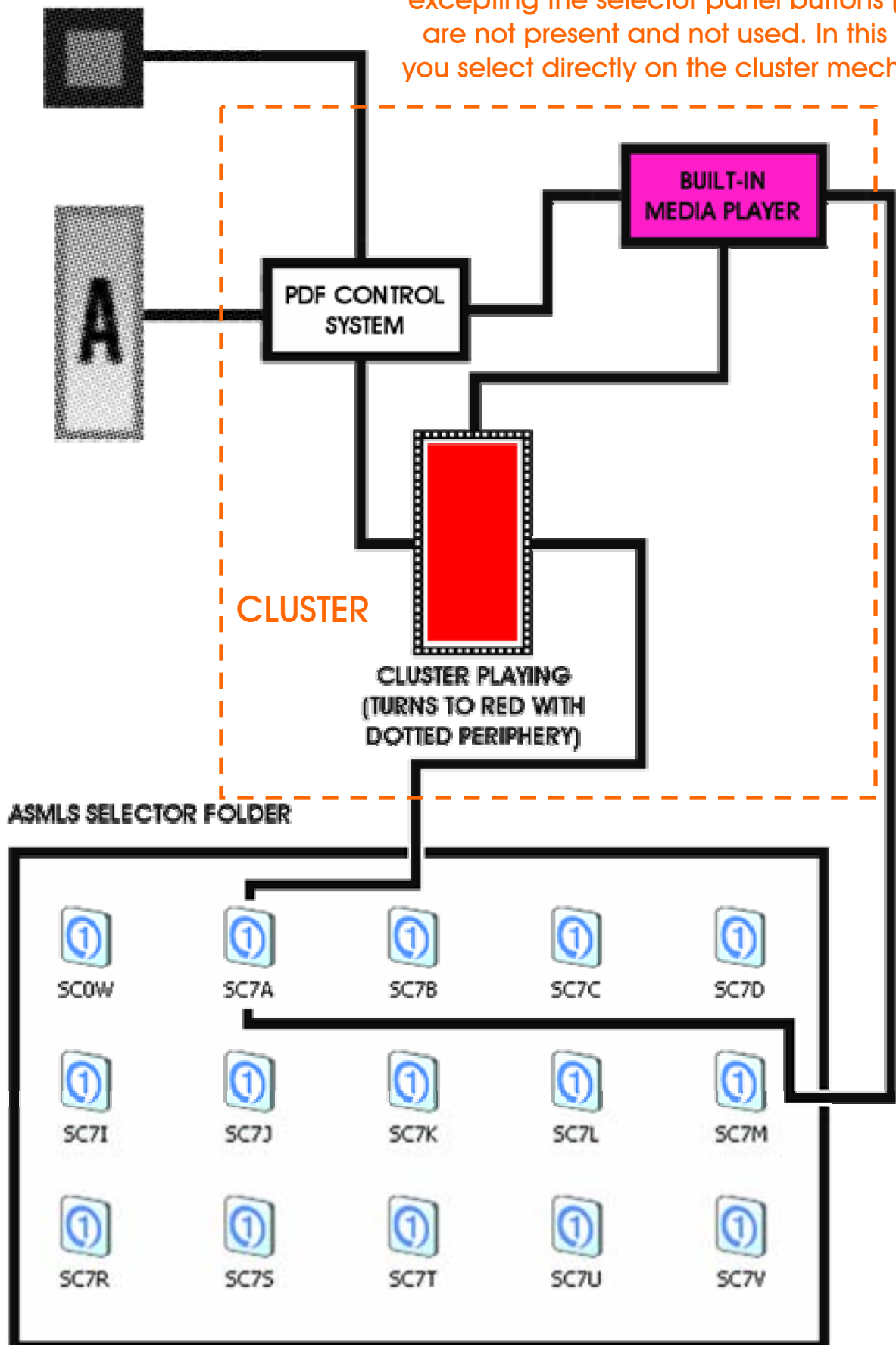
RECORD PLAYING INDICATOR
PAGE

Making either a cluster play or test play, it's the same principle as precedent pages excepting the selector panel buttons (A to Z) are not present and not used. In this way, you select directly on the cluster mechanism.



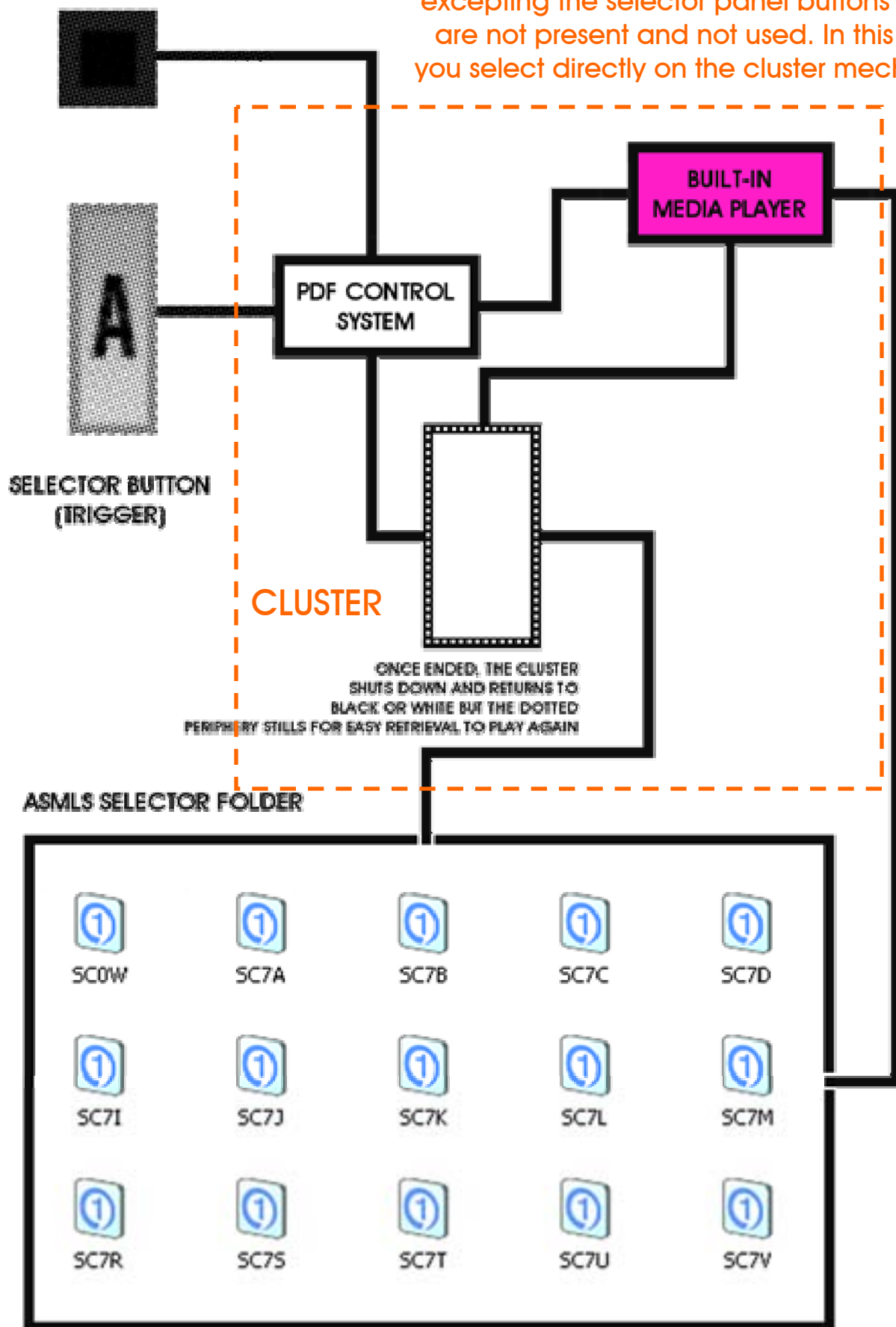
RECORD PLAYING INDICATOR
PAGE

Making either a cluster play or test play, it's the same principle as precedent pages excepting the selector panel buttons (A to Z) are not present and not used. In this way, you select directly on the cluster mechanism.



RECORD PLAYING INDICATOR
PAGE

Making either a cluster play or test play, it's the same principle as precedent pages excepting the selector panel buttons (A to Z) are not present and not used. In this way, you select directly on the cluster mechanism.



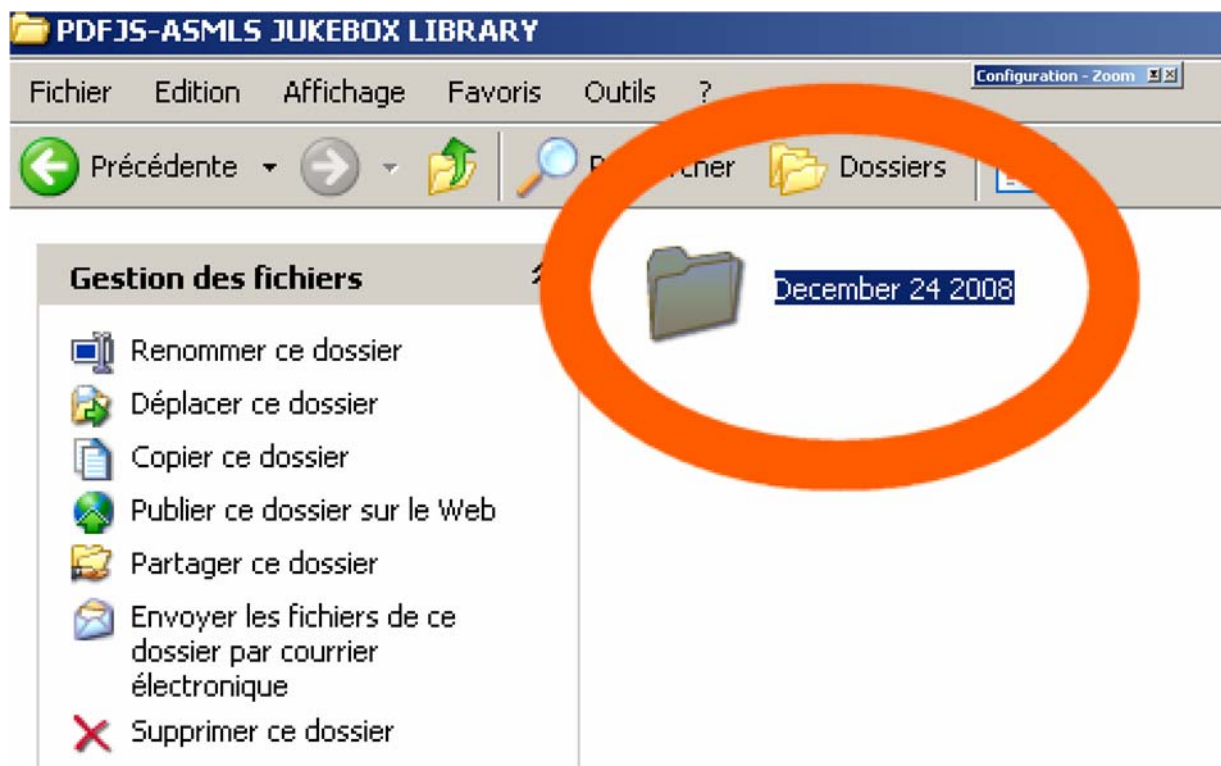
SAVING YOUR BOXES STEP - 1, 2: CREATE THE BOX LIBRARY

You can save all your actual boxes before any music management, modification ect.
in order to retrieve it simply by "cut and paste" in the C:\Program Files folder



STEP #1

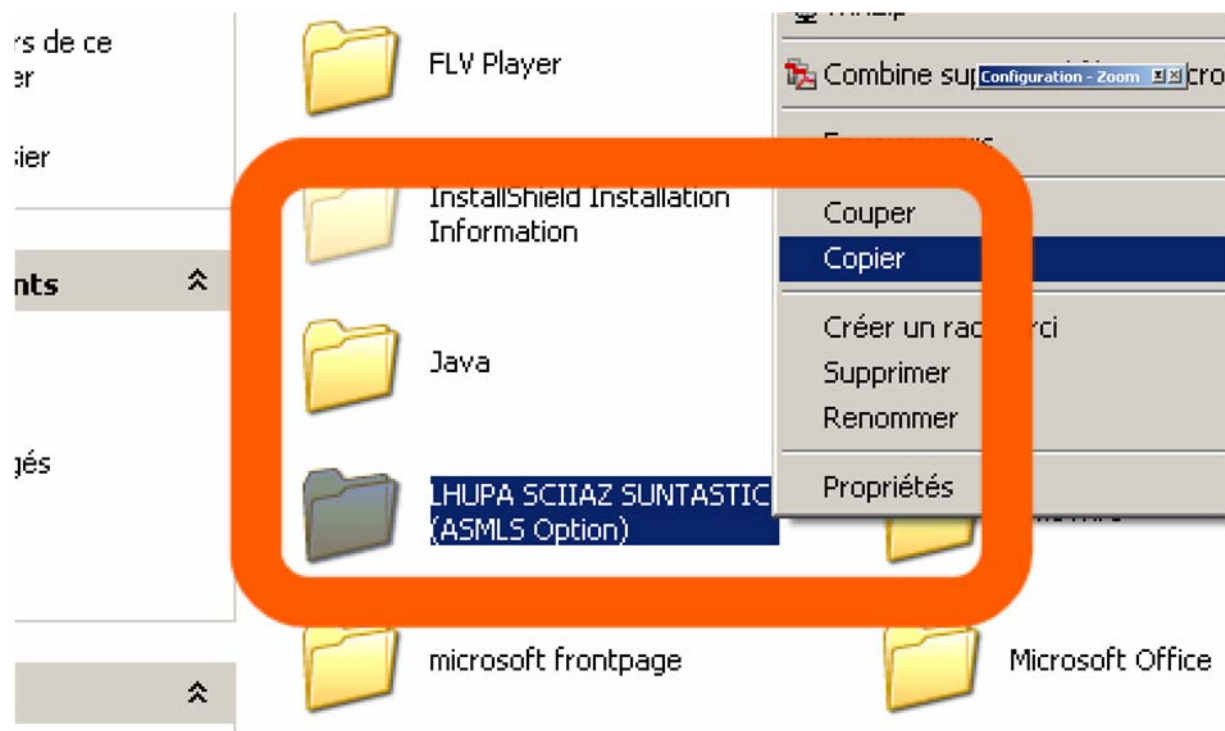
You must create a new folder titled "PDFJS / ASMLS JUKEBOX LIBRARY" to receive all your saved boxes. And then, open it



STEP #2

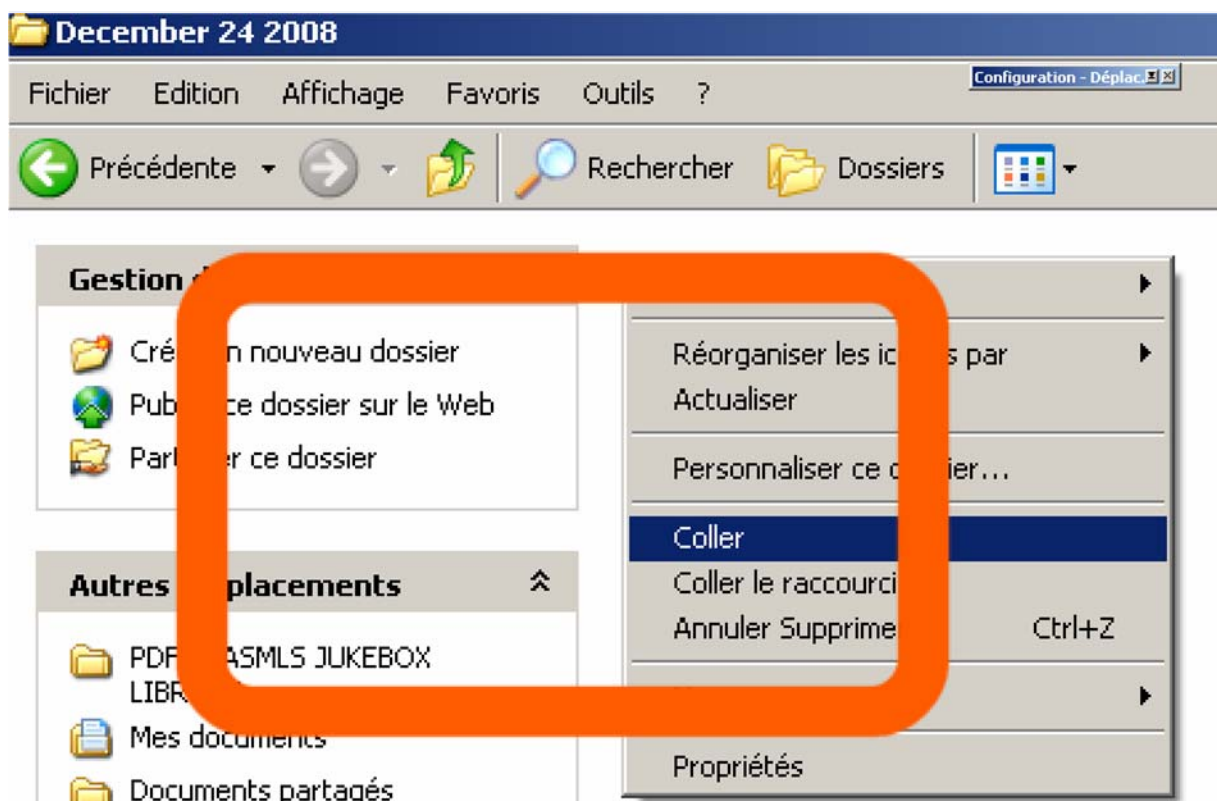
You must create a new folder titled "THE DATE OF THE DAY (Here: December 24 2008)" to receive each saved box. And then, open it to paste in the "LHUPA SCIIAZ SUNTASTIC (ASMLS Option)" folder.
As you know, absolutely nothing in this folder shouldn't be modified in any pretext!

SAVING YOUR BOXES STEP - 3, 4: CREATE THE BOX LIBRARY



STEP #3

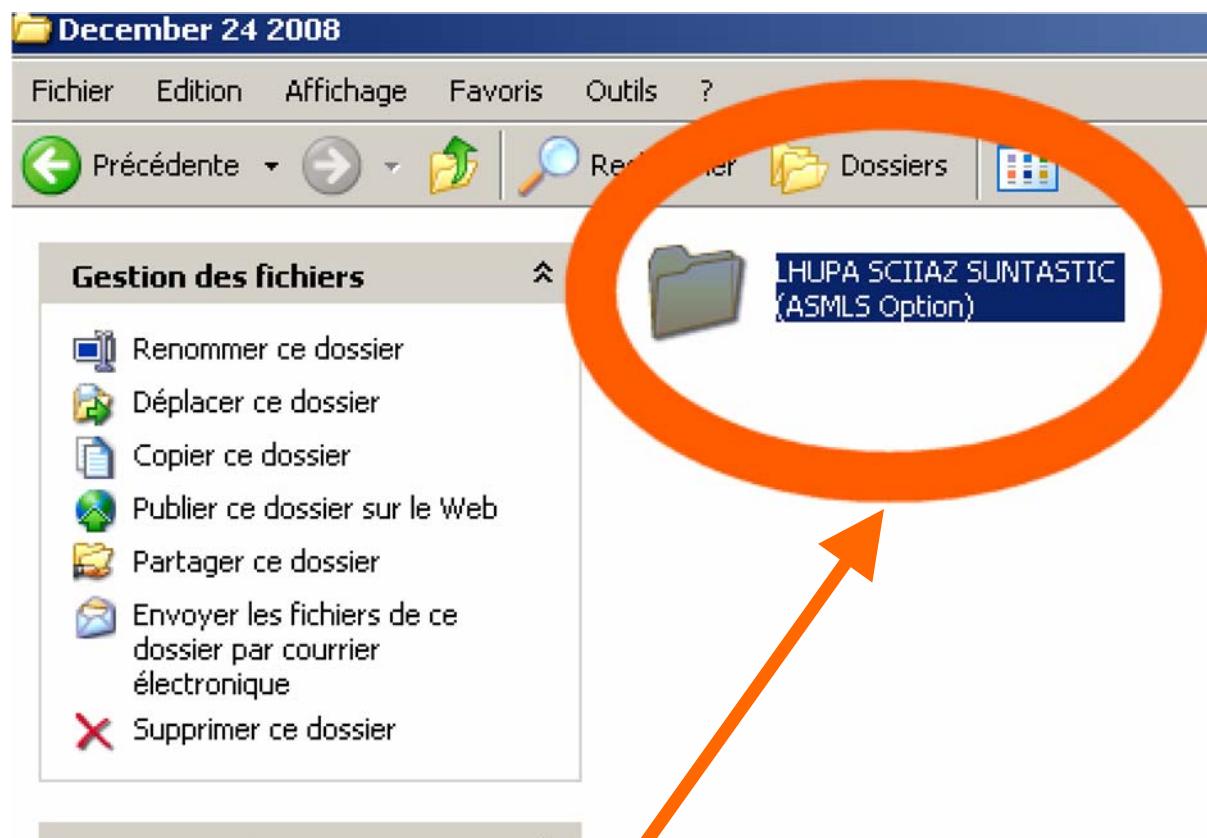
Copy the whole folder in C:\Program Files "LHUPA SCIIAZ SUNTASTIC (ASMLS Option)" as is without any modification



STEP #4

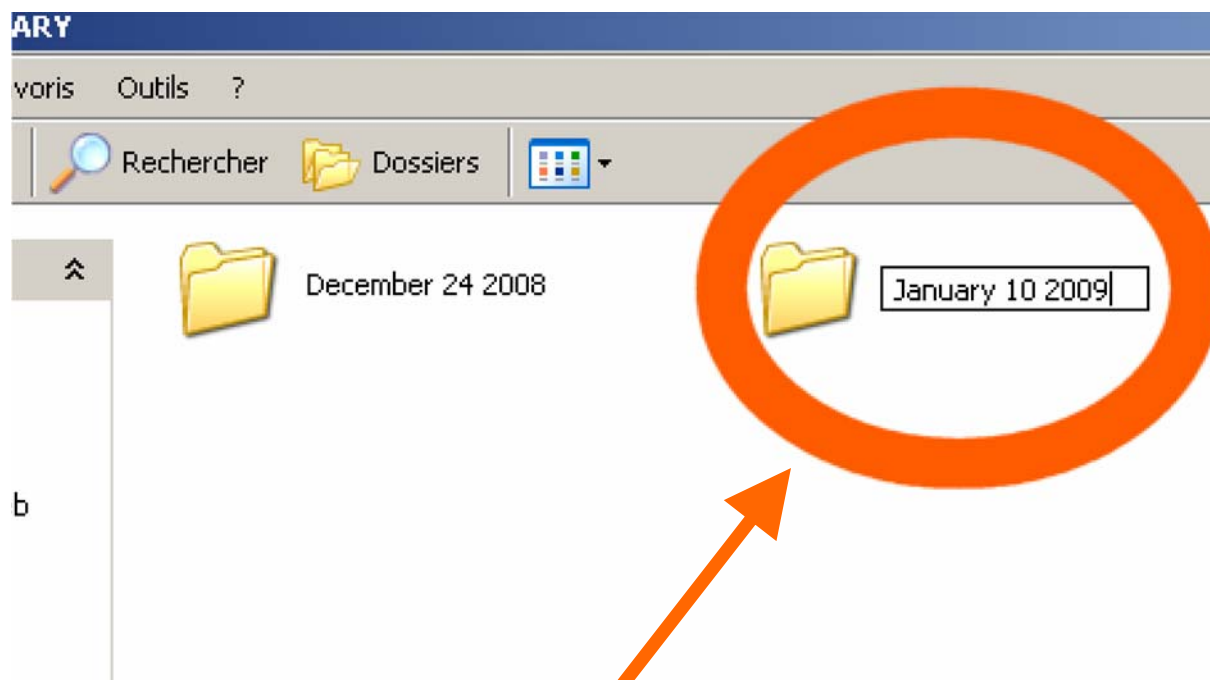
Paste the "LHUPA SCIIAZ SUNTASTIC (ASMLS Option)" in the "DATE OF THE DAY" folder (December 24 2008)

SAVING YOUR BOXES STEP - 5 - ADDING A NEW BOX IN THE LIBRARY
(Conclusion)



STEP #5 (Above)

Once pasted the "LHUPA SCIAZ SUNTASTIC (ASMLS Option)", verify it if correct



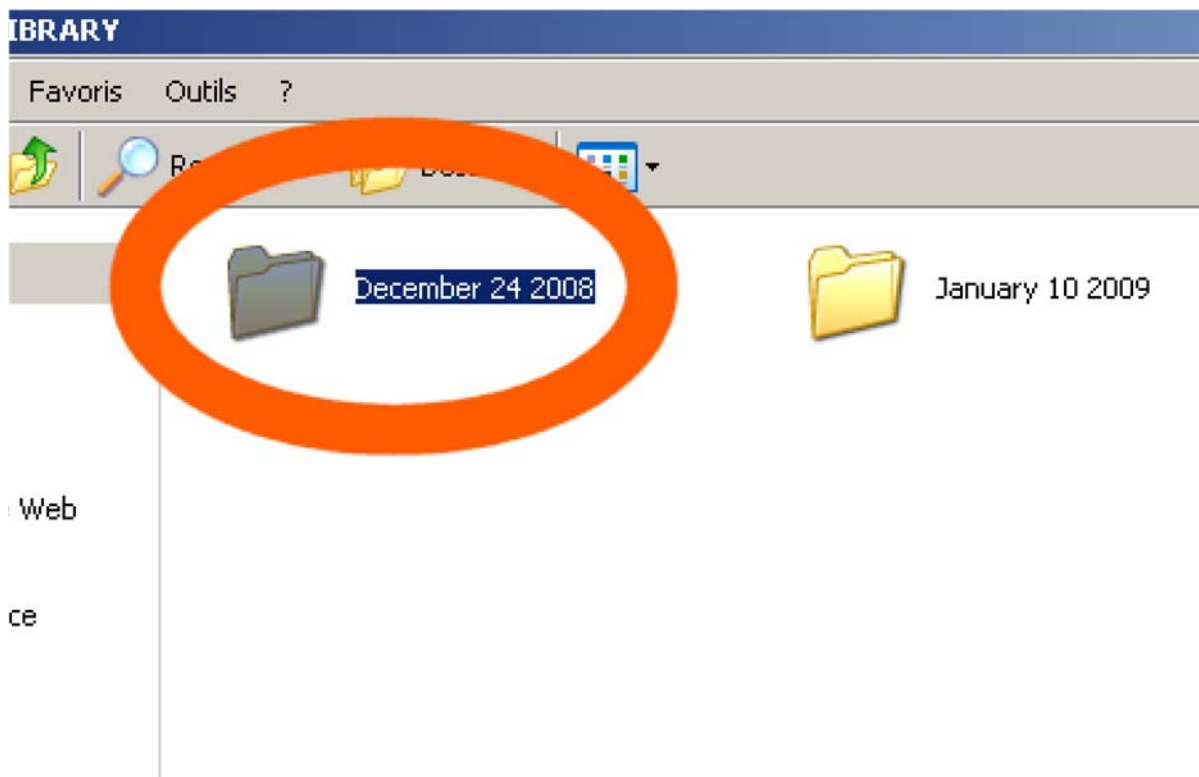
ADDING A NEW BOX TO THE LIBRARY (Above)

Create another folder and name it with "THE DATE OF THE DAY" as you have done precedently and then, paste your newly added "LHUPA SCIAZ SUNTASTIC (ASMLS Option)" in that folder as you have done in your precedent box saving in "December 24 2008" saving folder.

You can also name these folders with names, numbers, artist names Ex.: "ELVIS" ect. instead the date of the day! Your library can hold about 50 box systems.

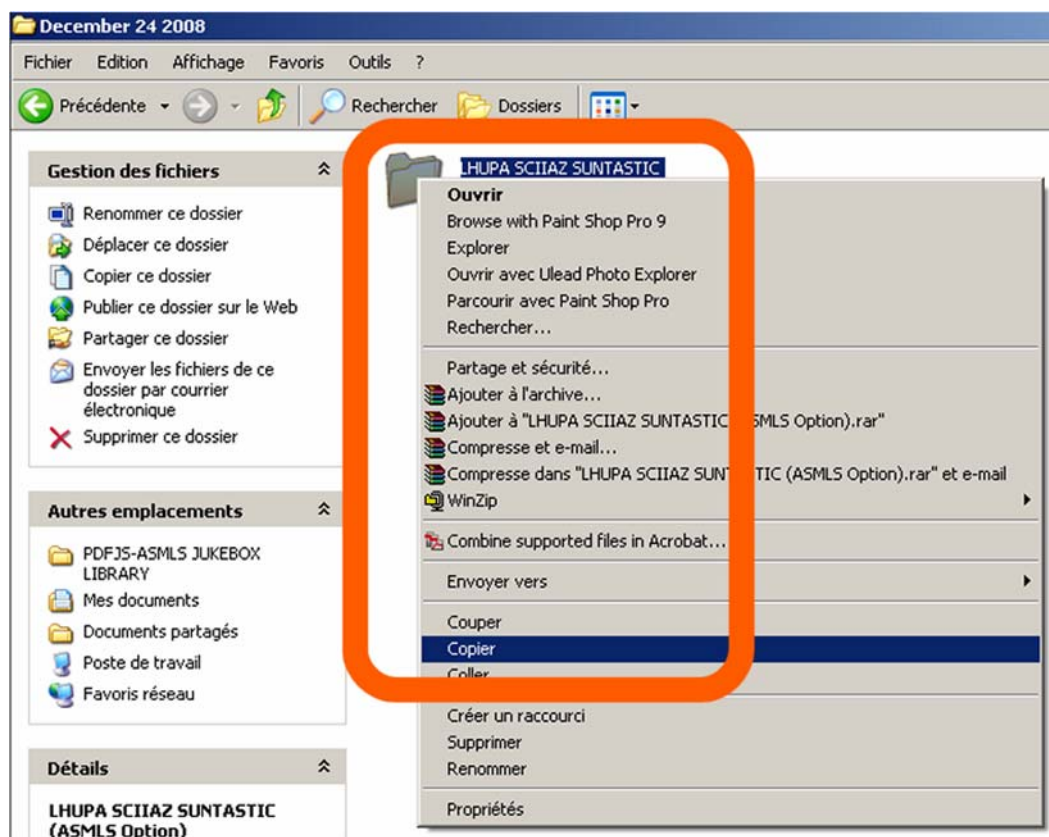
RETRIEVING A BOX SYSTEM IN YOUR BOX LIBRARY 1- 2

For retrieving a box system in your box library and then re-install it, it's simple as A – B – C! Simply select a box system, copy it and then paste it in C:\Program Files!



STEP #1 (Above)

Select the folder that contains the box system you want and open it

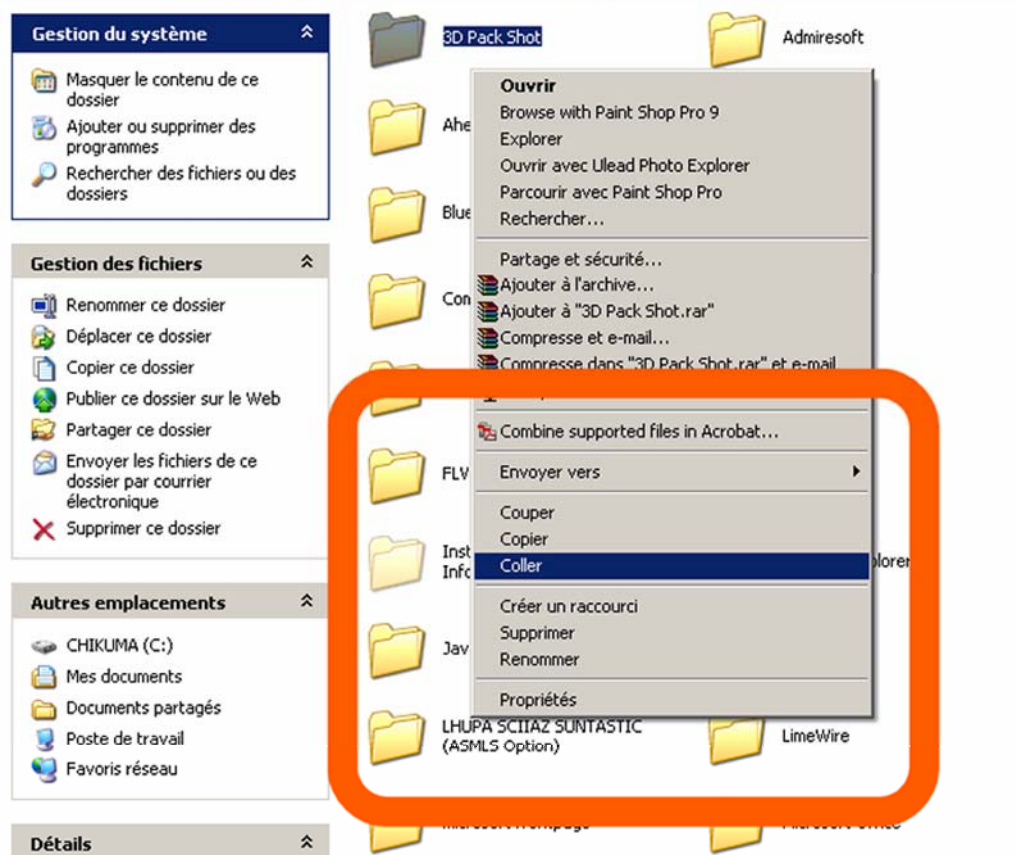


STEP #2 (Above)

Once the folder opened, copy the box system in it ("LHUPA SCIIAZ SUNTASTIC (ASMLS Option)")

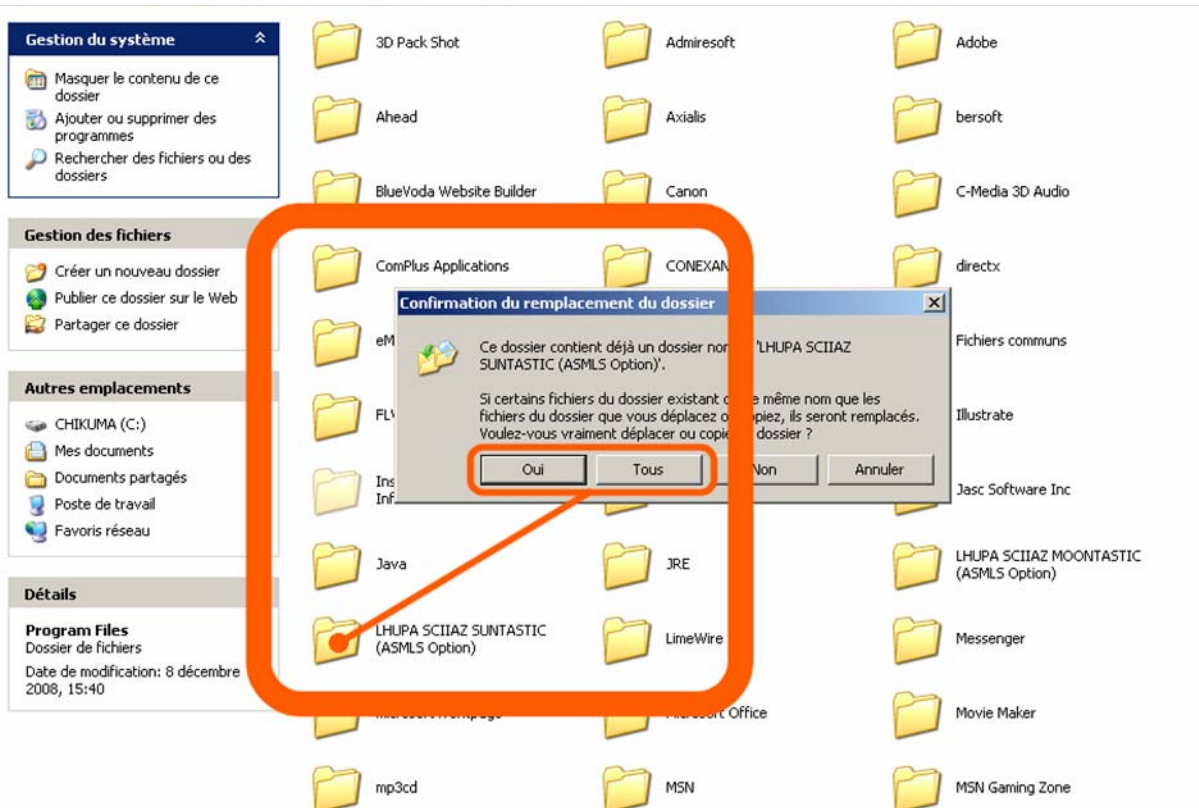
STEP #3

Go in C:\ProgramFiles and paste the "LHUPA SCIIAZ SUNTASTIC (ASMLS Option)" folder in it



STEP #4

A dialog box asking the confirmation to rewrite should appear and then click "Yes" or "Yes to all"



CUSTOMER SERVICE

If you encounter some problems with your interactive document, you can contact LHUPATECH for technical support!

BY MAIL: YATZEK ELECTROS TECHNOLOGIES
DIV. LHUPATECH
6, Des Écoliers
La Martre, Quebec, Canada
G0E 2H0

BY PHONE: (418) 288-5683
(418) 288-5688 (Internet Use)

BY FAX.: (418) 288-5884

A website will be available soon!

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NOTES

NOTES

This image shows a blank sheet of white paper with horizontal orange lines. The lines are evenly spaced and run across the width of the page, providing a guide for writing or drawing. There are no margins, text, or other markings on the paper.

BLANK

BLANK

ASMLS



PDF JUKEBOX SYSTEMS



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